

CATALOG MS-363



MUELLER BRASS CO.

Streamline®



PLUMBING and HEATING
PRODUCTS

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From the collection of:

Mike Jackson, FAIA



MUELLER BRASS CO.

Streamline®

**PLUMBING
and HEATING
PRODUCTS**

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standard end dimensions of *Streamline* fittings and valves

solder cup end



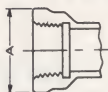
Nominal Size of Fitting	Dimension "A" Minimum
1/8"	3/16"
1/4"	3/16"
3/8"	3/8"
1/2"	1/2"
3/4"	3/4"
3/4"	3/4"
1"	2 9/16"
1 1/4"	3 1/16"
1 1/2"	1 3/16"
2"	1 11/16"
2 1/2"	1 13/16"
3"	1 21/16"
3 1/2"	1 23/16"
4"	2 3/16"
5"	2 21/16"
6"	3 3/16"
8"	3 31/16"

fitting end



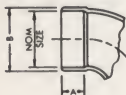
Nominal Size of Fitting	Dimension "A" Minimum
1/8"	3/16"
1/4"	3/16"
3/8"	7/16"
1/2"	9/16"
3/4"	1 1/16"
3/4"	1 3/16"
1"	3 1/16"
1 1/4"	1 1/16"
1 1/2"	1 5/16"
2"	1 13/16"
2 1/2"	1 17/16"
3"	1 23/16"
3 1/2"	1 31/16"
4"	2 7/16"
5"	2 23/16"
6"	3 7/16"
8"	4 3/16"

FPT end



Nominal Size of Fitting	Dimension "A" Minimum
1/8"	1 1/16"
1/4"	1 3/16"
3/8"	1"
1/2"	1 3/16"
3/4"	1 7/16"
1"	1 3/4"
1 1/4"	2 3/16"
1 1/2"	2 13/16"
2"	2 5/16"
2 1/2"	3 1/2"
3"	4 7/16"
3 1/2"	4 3/4"
4"	5 5/16"
5"	6 11/16"
6"	7 13/16"
8"	10 9/16"

drainage solder cup end



Nom. Size	A	B
1 1/4"	3/8"	1 17/16"
1 1/2"	1 1/16"	1 23/16"
2"	3/4"	2 5/16"
3"	1 3/16"	3 11/16"
4"	1 3/8"	4 3/8"
5"	1 7/16"	5 1/2"
6"	1 11/16"	6 1/2"
8"	2 1/8"	8 7/16"

drainage fitting end



Nom. Size	A
1 1/4"	1 1/16"
1 1/2"	3/4"
2"	1 3/16"
3"	1"
4"	1 1/4"
5"	1 1/2"
6"	1 13/16"
8"	2 1/4"

drainage FPT end



Nom. Size	A
1 1/4"	2 3/16"
1 1/2"	2 3/8"
2"	2 13/16"
3"	4 3/16"
4"	5 5/16"
5"	6 11/16"
6"	7 13/16"
8"	10 9/16"



Streamline

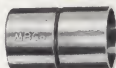
wrot solder-type fittings

couplings—rolled stop

style number

WC-400

copper to copper



Size		Part No.
C	C	
1/8" x 1/8"		W-1003
1/4" x 1/4"		W-1009
3/8" x 3/8"		W-1017
1/2" x 1/2"		W-1022
5/8" x 5/8"		W-1028
3/4" x 3/4"		W-1034
1" x 1"		W-1047
1 1/4" x 1 1/4"		W-1055
1 1/2" x 1 1/2"		W-1063
2" x 2"		W-1072
2 1/2" x 2 1/2"		W-1082
3" x 3"		W-1092
3 1/2" x 3 1/2"		W-10100
4" x 4"		W-10107

couplings—staked stop

style number

WC-400S

copper to copper



Size		Part No.
C	C	
1/8" x 1/8"		W-10141
1/4" x 1/4"		W-10143
3/8" x 3/8"		W-10144
1/2" x 1/2"		W-10145
5/8" x 5/8"		W-10157
3/4" x 3/4"		W-10146
1" x 1"		W-10147
1 1/4" x 1 1/4"		W-10148
1 1/2" x 1 1/2"		W-10149
2" x 2"		W-10150
2 1/2" x 2 1/2"		W-10151
3" x 3"		W-10152
3 1/2" x 3 1/2"		W-10153
4" x 4"		W-10154
5" x 5"		W-10155
6" x 6"		W-10156

couplings—without stop

style number

WC-400NS

copper to copper



Size		Part No.
C	C	
1/8" x 1/8"		W-1900
1/4" x 1/4"		W-1901
3/8" x 3/8"		W-1902
1/2" x 1/2"		W-1903
5/8" x 5/8"		W-1904
3/4" x 3/4"		W-1905
1" x 1"		W-1906
1 1/4" x 1 1/4"		W-1907
1 1/2" x 1 1/2"		W-1908
2" x 2"		W-1909
2 1/2" x 2 1/2"		W-1910
3" x 3"		W-1911
4" x 4"		W-1913

reducing couplings

style number

WC-400R

copper to copper



Size		Part No.
C	C	
1/4" x 1/8"		W-1011
3/8" x 1/4"		W-1019
1/2" x 3/8"		W-1021
1/2" x 1/4"		W-1023
1/2" x 1/8"		W-1027
3/8" x 1/2"		W-1029
3/8" x 3/8"		W-1030
3/8" x 1/4"		W-1031

style number

WC-400R

continued

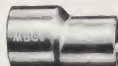
Size		Part No.
C	C	
3/4" x 3/8"		W-1035
3/4" x 1/2"		W-1036
3/4" x 3/8"		W-1037
3/4" x 1/4"		W-1038
1" x 3/4"		W-1049
1" x 1/2"		W-1051
1" x 3/8"		W-1052
1 1/4" x 1"		W-1056
1 1/4" x 3/4"		W-1058
1 1/4" x 1/2"		W-1060
1 1/2" x 1 1/4"		W-1064
1 1/2" x 1"		W-1065
1 1/2" x 3/4"		W-1067
1 1/2" x 1/2"		W-1069
2" x 1 1/2"		W-1073
2" x 1 1/4"		W-1074
2" x 1"		W-1075
2" x 3/4"		W-1077
2" x 1/2"		W-1079
2 1/2" x 2"		W-1083
2 1/2" x 1 1/2"		W-1084
2 1/2" x 1 1/4"		W-1085
2 1/2" x 1"		W-1086
3" x 2 1/2"		W-1093
3" x 2"		W-1094
3" x 1 1/2"		W-1095
3 1/2" x 3"		W-10101
4" x 3 1/2"		W-10108
4" x 3"		W-10109
4" x 2 1/2"		W-10110
4" x 2"		W-10111

eccentric couplings

style number

WC-400E

copper to copper



Size		Part No.
C	C	
3/4" x 1/2"		W-1836
1" x 3/4"		W-1849
1 1/4" x 1"		W-1856
1 1/2" x 1 1/4"		W-1864
2" x 1 1/2"		W-1873

Streamline® wrot solder-type fittings

unions

style number

WC-407

copper to copper



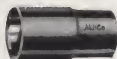
Size	C	Part No.
1/4" x 1/4"	C	W-8001
3/8" x 3/8"	C	W-8002
1/2" x 1/2"	C	W-8003
3/4" x 3/4"	C	W-8004
1" x 1"	C	W-8005

bushings

style number

WC-403

fitting to copper



Size	C	Part No.
1/4" x 1/8"	C	W-1306
3/8" x 1/4"	C	W-1312
3/8" x 1/8"	C	W-1314
1/2" x 3/8"	C	W-1315
1/2" x 1/4"	C	W-1317
3/8" x 1/2"	C	W-1320
3/8" x 3/8"	C	W-1321
3/8" x 1/4"	C	W-1322
3/8" x 3/8"	C	W-1325
3/8" x 1/2"	C	W-1326
3/8" x 3/8"	C	W-1327
1" x 3/8"	C	W-1337
1" x 3/8"	C	W-1338
1" x 1/2"	C	W-1339
1" x 3/8"	C	W-1340
1 1/4" x 1"	C	W-1343
1 1/4" x 3/8"	C	W-1345
1 1/4" x 1/2"	C	W-1347
1 1/2" x 1 1/4"	C	W-1350
1 1/2" x 1"	C	W-1351

style number

WC-403

continued

Size	C	Part No.
1 1/2" x 3/4"	C	W-1353
1 1/2" x 1/2"	C	W-1355
2" x 1 1/2"	C	W-1358
2" x 1 1/4"	C	W-1359
2" x 1"	C	W-1360
2" x 3/4"	C	W-1362
2" x 1/2"	C	W-1364
2 1/2" x 2"	C	W-1367
2 1/2" x 1 1/2"	C	W-1368
2 1/2" x 1 1/4"	C	W-1369
2 1/2" x 1"	C	W-1370
3" x 2 1/2"	C	W-1376
3" x 2"	C	W-1377
3" x 1 1/2"	C	W-1378
3" x 1 1/4"	C	W-1379
3 1/2" x 3"	C	W-1381
3 1/2" x 2 1/2"	C	W-1382
3 1/2" x 2"	C	W-1383
4" x 3 1/2"	C	W-1386
4" x 3"	C	W-1387
4" x 2 1/2"	C	W-1388
4" x 2"	C	W-1389

flush bushings

style number

WC-106

fitting to copper



Size	C	Part No.
1/4" x 1/8"	C	W-1706
3/8" x 1/4"	C	W-1712
3/8" x 1/8"	C	W-1714
1/2" x 3/8"	C	W-1715
1/2" x 1/4"	C	W-1717
3/8" x 1/2"	C	W-1720
3/8" x 3/8"	C	W-1721
3/8" x 1/4"	C	W-1722
3/4" x 3/8"	C	W-1725
3/4" x 1/2"	C	W-1726

style number

WC-106

continued

Size	C	Part No.
3/4" x 3/8"	C	W-1727
1" x 3/4"	C	W-1737
1" x 3/8"	C	W-1738
1" x 1/2"	C	W-1739
1 1/4" x 1"	C	W-1743
1 1/4" x 3/4"	C	W-1745
1 1/2" x 1 1/4"	C	W-1750
1 1/2" x 1"	C	W-1751
2" x 1 1/2"	C	W-1758
2" x 1 1/4"	C	W-1759
2 1/2" x 2"	C	W-1767
4" x 3 1/2"	C	W-1786

flush bushings

style number

WC-417

fitting to FPT



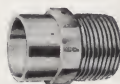
Size	FPT	Part No.
1/2" x 1/8"	FPT	A-7812
3/4" x 3/8"	FPT	A-7814
1" x 1/2"	FPT	A-7815
1 1/4" x 3/4"	FPT	A-7816
1 1/2" x 1"	FPT	A-7817
2" x 1 1/2"	FPT	A-7819

adapters

style number

WC-401

copper to MPT



Size	MPT	Part No.
1/8" x 3/8"	MPT	W-1105
1/8" x 1/4"	MPT	W-1106

style number

WC-401

continued

C	Size	MPT	Part No.
1/8"	x	1/8"	W-1107
1/4"	x	1/2"	W-1113
1/4"	x	3/8"	W-1114
1/4"	x	1/4"	W-1115
1/4"	x	1/8"	W-1116
3/8"	x	3/4"	W-1123
3/8"	x	1/2"	W-1124
3/8"	x	3/8"	W-1125
3/8"	x	1/4"	W-1126
1/2"	x	1"	W-1129
1/2"	x	3/4"	W-1130
1/2"	x	1/2"	W-1131
1/2"	x	3/8"	W-1132
3/8"	x	3/4"	W-1138
3/8"	x	1/2"	W-1139
3/4"	x	1"	W-1145
3/4"	x	3/4"	W-1146
3/4"	x	1/2"	W-1147
1"	x	1 1/2"	W-1161
1"	x	1 1/4"	W-1162
1"	x	1"	W-1163
1"	x	3/4"	W-1164
1"	x	1/2"	W-1165
1 1/4"	x	1 1/2"	W-1170
1 1/4"	x	1 1/4"	W-1171
1 1/4"	x	1"	W-1172
1 1/4"	x	3/4"	W-1173
1 1/2"	x	2"	W-1178
1 1/2"	x	1 1/2"	W-1179
1 1/2"	x	1 1/4"	W-1180
1 1/2"	x	1"	W-1181
2"	x	2"	W-1187
2"	x	1 1/2"	W-1188
2"	x	1 1/4"	W-1189
2 1/2"	x	2 1/2"	W-1196
2 1/2"	x	2"	W-1197
2 1/2"	x	1 1/2"	W-1198

adapters

style number

WC-402

copper to FPT



C	Size	FPT	Part No.
1/8"	x	1/2"	W-1204
1/8"	x	3/8"	W-1205

style number

WC-402

continued

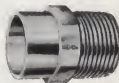
C	Size	FPT	Part No.
1/8"	x	1/4"	W-1206
1/8"	x	1/8"	W-1207
1/4"	x	3/8"	W-1214
1/4"	x	1/4"	W-1215
1/4"	x	1/8"	W-1216
3/8"	x	3/4"	W-1223
3/8"	x	1/2"	W-1224
3/8"	x	3/8"	W-1225
3/8"	x	1/4"	W-1226
1/2"	x	3/4"	W-1230
1/2"	x	1/2"	W-1231
1/2"	x	3/8"	W-1232
1/2"	x	1/4"	W-1233
3/8"	x	3/4"	W-1238
3/8"	x	1/2"	W-1239
3/4"	x	1"	W-1245
3/4"	x	3/4"	W-1246
3/4"	x	1/2"	W-1247
1"	x	1"	W-1263
1"	x	3/4"	W-1264
1"	x	1/2"	W-1265
1 1/4"	x	1 1/2"	W-1270
1 1/4"	x	1 1/4"	W-1271
1 1/4"	x	1"	W-1272
1 1/2"	x	2"	W-1278
1 1/2"	x	1 1/2"	W-1279
1 1/2"	x	1 1/4"	W-1280
2"	x	2"	W-1287
2 1/2"	x	2 1/2"	W-1296

slip joint adapters

style number

WC-110

copper to slip joint*



C	Size	MPT	Part No.
1/2"	x	1/2"	W-1631
3/8"	x	1/2"	W-1624

* 3/8" O.D. Tube Opening.

fitting adapters

style number

WC-404

fitting to MPT



F	Size	MPT	Part No.
1/4"	x	3/8"	W-1414
3/8"	x	3/8"	W-1425
1/2"	x	1/2"	W-1431
1/2"	x	3/8"	W-1432
3/4"	x	3/4"	W-1446
3/4"	x	1/2"	W-1447
1"	x	1"	W-1463
1"	x	3/4"	W-1464
1 1/4"	x	1 1/4"	W-1471
1 1/2"	x	1 1/2"	W-1479
2"	x	2"	W-1487
2 1/2"	x	2 1/2"	W-1496

fitting adapters

style number

WC-405

fitting to FPT



F	Size	FPT	Part No.
1/4"	x	3/8"	W-1514
3/8"	x	1/2"	W-1524
3/8"	x	3/8"	W-1525
3/8"	x	1/4"	W-1526
1/2"	x	1/2"	W-1531
1/2"	x	3/8"	W-1532
3/4"	x	3/4"	W-1546
3/4"	x	1/2"	W-1547
1"	x	1"	W-1563
1"	x	3/4"	W-1564
1 1/4"	x	1 1/4"	W-1571
1 1/2"	x	1 1/2"	W-1579
2"	x	2"	W-1587
2 1/2"	x	2 1/2"	W-1596



Streamline

wrot solder-type fittings

tube caps

style number

WC-415



Size C	Part No.
1/8"	W-7002
1/4"	W-7004
3/8"	W-7006
1/2"	W-7007
3/4"	W-7008
3/4"	W-7009
1"	W-7011
1 1/4"	W-7012
1 1/2"	W-7013
2"	W-7014
2 1/2"	W-7015
3"	W-7016
3 1/2"	W-7017
4"	W-7018

fitting plugs

style number

WC-416



Size F	Part No.
1/8"	A-1402
1/4"	A-1422
3/8"	A-1392
1/2"	A-1504
3/4"	A-2273
3/4"	A-1529
1"	A-1556
1 1/4"	A-1590
1 1/2"	A-1628
2"	A-1676

90° elbows

style number

WE-500

short radius
copper to copper



C	Size	C	Part No.
1/8"	x	1/8"	W-2003
1/4"	x	1/4"	W-2009
1/4"	x	1/8"	W-2011
3/8"	x	3/8"	W-2017
3/8"	x	1/4"	W-2019
1/2"	x	1/2"	W-2022
1/2"	x	3/8"	W-2023
1/2"	x	1/4"	W-2025
3/4"	x	3/4"	W-2028
3/4"	x	1/2"	W-2029
3/4"	x	3/4"	W-2030
3/4"	x	3/4"	W-2034
3/4"	x	3/4"	W-2035
3/4"	x	1/2"	W-2036
3/4"	x	3/4"	W-2037
1"	x	1"	W-2047
1"	x	3/4"	W-2049
1"	x	3/8"	W-2050
1"	x	1/2"	W-2051
1"	x	3/8"	W-2052
1 1/4"	x	1 1/4"	W-2084
1 1/4"	x	1"	W-2056
1 1/2"	x	1 1/2"	W-2085
2"	x	2"	W-2086
2 1/2"	x	2 1/2"	W-2087
3"	x	3"	W-2088
3 1/2"	x	3 1/2"	W-2089
4"	x	4"	W-2090
6"	x	6"	W-2097

Continued next column

style No.

WE-500-L

long radius

C	Size	C	Part No.
1/4"	x	1/4"	W-2716
3/8"	x	3/8"	W-2717
1/2"	x	1/2"	W-2722
3/4"	x	3/4"	W-2728
3/4"	x	3/4"	W-2734
1"	x	1"	W-2747
1 1/4"	x	1 1/4"	W-2055
1 1/4"	x	3/4"	W-2058
1 1/4"	x	1/2"	W-2060
1 1/2"	x	1 1/2"	W-2063
1 1/2"	x	1 1/4"	W-2064
1 1/2"	x	1"	W-2065
1 1/2"	x	3/4"	W-2067
2"	x	2"	W-2072
2"	x	1 1/2"	W-2073
2"	x	1 1/4"	W-2074
2"	x	1"	W-2075
2 1/2"	x	2 1/2"	W-2082
2 1/2"	x	2"	W-2083
3"	x	3"	W-2092
3 1/2"	x	3 1/2"	W-2093
4"	x	4"	W-2095

90° street elbows

style number

WE-503

short radius
fitting to copper



F	Size	C	Part No.
1/8"	x	1/8"	W-2305
1/4"	x	1/4"	W-2312
3/8"	x	3/8"	W-2321
1/2"	x	1/2"	W-2326
3/4"	x	3/4"	W-2330
3/4"	x	3/4"	W-2334
1"	x	1"	W-2344
1 1/4"	x	1 1/4"	W-2384
1 1/2"	x	1 1/2"	W-2385
2"	x	2"	W-2386
2 1/2"	x	2 1/2"	W-2387
3"	x	3"	W-2388
3 1/2"	x	3 1/2"	W-2389
4"	x	4"	W-2390

For long radius style see next page.

90° street elbows

style No.
WE-503-L

long radius

F	Size	C	Part No.
1/4"	x	1/4"	W-2809
3/8"	x	3/8"	W-2817
1/2"	x	1/2"	W-2822
3/4"	x	3/4"	W-2828
1"	x	1"	W-2834
1 1/4"	x	1 1/4"	W-2847
1 1/2"	x	1 1/2"	W-2350
1 3/4"	x	1 3/4"	W-2355
2"	x	2"	W-2360
2 1/2"	x	2 1/2"	W-2359
3"	x	3"	W-2363
3 1/2"	x	3 1/2"	W-2368
4"	x	4"	W-2393
4"	x	4"	W-2395

90° street elbows

style number

WE-506

short radius
fitting to fitting



F	Size	F	Part No.
1/4"	x	1/4"	W-2612
3/8"	x	3/8"	W-2621
1/2"	x	1/2"	W-2626
3/4"	x	3/4"	W-2634
1"	x	1"	W-2644
1 1/4"	x	1 1/4"	W-2684
1 1/2"	x	1 1/2"	W-2685
2"	x	2"	W-2686
2 1/2"	x	2 1/2"	W-2687
3"	x	3"	W-2688
3 1/2"	x	3 1/2"	W-2689
4"	x	4"	W-2690

90° street elbows

style number

WE-506-L

long radius
fitting to fitting

F	Size	F	Part No.
1 1/4"	x	1 1/4"	W-2650
1 1/2"	x	1 1/2"	W-2655
2"	x	2"	W-2659

45° elbows

style number

WE-504

copper to copper



C	Size	C	Part No.
1/8"	x	1/8"	W-3005
1/4"	x	1/4"	W-3012
3/8"	x	3/8"	W-3021
1/2"	x	1/2"	W-3026
3/4"	x	3/4"	W-3030
1"	x	1"	W-3034
1 1/4"	x	1 1/4"	W-3044
1 1/2"	x	1 1/2"	W-3050
2"	x	2"	W-3055
2 1/2"	x	2 1/2"	W-3059
3"	x	3"	W-3063
3 1/2"	x	3 1/2"	W-3067
4"	x	4"	W-3070
4"	x	4"	W-3073

45° street elbows

style number

WE-505

fitting to copper



F	Size	C	Part No.
1/4"	x	1/4"	W-3312
3/8"	x	3/8"	W-3321
1/2"	x	1/2"	W-3326
3/4"	x	3/4"	W-3330
1"	x	1"	W-3334
1 1/4"	x	1 1/4"	W-3344
1 1/2"	x	1 1/2"	W-3350
2"	x	2"	W-3355
2 1/2"	x	2 1/2"	W-3359
3"	x	3"	W-3363
3"	x	3"	W-3368

45° street elbows

style number

WE-507

fitting to fitting



F	Size	F	Part No.
3/8"	x	3/8"	W-3621
1/2"	x	1/2"	W-3626
3/4"	x	3/4"	W-3634
1"	x	1"	W-3644

Streamline®

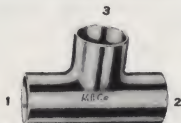
wrot solder-type fittings

tees

style number

WT-600

copper to copper
to copper



1 C	Nominal Size 2 C	3 C	Part No.
1/8" x 1/8" x 1/8"			W-40306
1/4" x 1/4" x 1/4"			W-4000
1/4" x 1/4" x 1/8"			W-40324
1/4" x 1/8" x 1/4"			W-40330
1/4" x 1/8" x 1/8"			W-40332
1/8" x 1/8" x 1/4"			W-40368
3/8" x 3/8" x 3/8"			W-4001
3/8" x 3/8" x 1/4"			W-4002
3/8" x 3/8" x 1/8"			W-40350
3/8" x 1/4" x 3/8"			W-4003
3/8" x 1/4" x 1/4"			W-4004
3/8" x 1/4" x 1/8"			W-40358
3/8" x 1/8" x 3/8"			W-40363
3/8" x 1/8" x 1/4"			W-40364
3/8" x 1/8" x 1/8"			W-40366
1/4" x 1/4" x 3/8"			W-4005
1/2" x 1/2" x 1/2"			W-4006
1/2" x 1/2" x 3/8"			W-4007
1/2" x 1/2" x 1/4"			W-4008
1/2" x 1/2" x 1/8"			W-4014
1/2" x 3/8" x 1/2"			W-4009
1/2" x 3/8" x 3/8"			W-4010
1/2" x 3/8" x 1/4"			W-4011
1/2" x 1/4" x 1/2"			W-4012
1/2" x 1/4" x 3/8"			W-40367
1/2" x 1/4" x 1/4"			W-4013
3/8" x 3/8" x 1/2"			W-4015
1/4" x 1/4" x 1/2"			W-4016
3/8" x 3/8" x 3/8"			W-4017
3/8" x 3/8" x 1/2"			W-4018
3/8" x 3/8" x 3/8"			W-4019

WT-600 (continued)

1 C	Nominal Size 2 C	3 C	Part No.
3/8" x 3/8" x 1/4"			W-4020
3/8" x 1/2" x 3/8"			W-4021
3/8" x 1/2" x 1/2"			W-4022
3/8" x 1/2" x 3/8"			W-4023
3/8" x 3/8" x 3/8"			W-4025
3/8" x 3/8" x 1/2"			W-4026
3/8" x 3/8" x 3/8"			W-4027
1/2" x 1/2" x 3/8"			W-4029
3/4" x 3/4" x 3/4"			W-4031
3/4" x 3/4" x 3/8"			W-4032
3/4" x 3/4" x 1/2"			W-4033
3/4" x 3/4" x 3/8"			W-4034
3/4" x 3/4" x 1/4"			W-4035
3/4" x 3/8" x 3/4"			W-4036
3/4" x 3/8" x 3/8"			W-4037
3/4" x 1/2" x 3/4"			W-4041
3/4" x 1/2" x 3/8"			W-4042
3/4" x 1/2" x 1/2"			W-4043
3/4" x 1/2" x 3/8"			W-4044
3/4" x 3/8" x 3/4"			W-40230
3/4" x 3/8" x 1/2"			W-40231
3/4" x 3/8" x 3/8"			W-40232
3/8" x 3/8" x 3/4"			W-4046
1/2" x 1/2" x 3/4"			W-4047
1" x 1" x 1"			W-4048
1" x 1" x 3/4"			W-4049
1" x 1" x 3/8"			W-4050
1" x 1" x 1/2"			W-4051
1" x 1" x 3/8"			W-4052
1" x 3/4" x 1"			W-4055

WT-600 (continued)

Nominal Size			Part No.
1 C	2 C	3 C	
1" x 3/4" x 3/4"			W-4056
1" x 3/4" x 5/8"			W-4057
1" x 3/4" x 1/2"			W-4058
1" x 3/4" x 3/8"			W-4059
1" x 3/8" x 1"			W-40233
1" x 3/8" x 3/4"			W-40234
1" x 3/8" x 3/8"			W-40235
1" x 3/8" x 1/2"			W-40236
1" x 1/2" x 1"			W-4061
1" x 1/2" x 3/4"			W-4062
1" x 1/2" x 1/2"			W-4063
3/4" x 3/4" x 1"			W-4065
1/2" x 1/2" x 1"			W-4067
1 1/4" x 1 1/4" x 1 1/4"			W-4068
1 1/4" x 1 1/4" x 1"			W-4069
1 1/4" x 1 1/4" x 3/4"			W-4070
1 1/4" x 1 1/4" x 1/2"			W-4071
1 1/4" x 1 1/4" x 3/8"			W-4072
1 1/4" x 1" x 1 1/4"			W-4073
1 1/4" x 1" x 1"			W-4074
1 1/4" x 1" x 3/4"			W-4075
1 1/4" x 1" x 1/2"			W-4076
1 1/4" x 3/4" x 1 1/4"			W-4078
1 1/4" x 3/4" x 1"			W-4079
1 1/4" x 3/4" x 3/4"			W-4080
1" x 1" x 1 1/4"			W-4082
1 1/2" x 1 1/2" x 1 1/2"			W-4084
1 1/2" x 1 1/2" x 1 1/4"			W-4085
1 1/2" x 1 1/2" x 1"			W-4086
1 1/2" x 1 1/2" x 3/4"			W-4087
1 1/2" x 1 1/2" x 1/2"			W-4088
1 1/2" x 1 1/2" x 3/8"			W-4089
1 1/2" x 1 1/4" x 1 1/2"			W-4090
1 1/2" x 1 1/4" x 1 1/4"			W-4091
1 1/2" x 1 1/4" x 1"			W-4092

Continued next column

WT-600 (continued)

Nominal Size			Part No.
1 C	2 C	3 C	
1 1/2" x 1 1/4" x 3/4"			W-4093
1 1/2" x 1 1/4" x 1/2"			W-4094
1 1/2" x 1" x 1 1/2"			W-4095
1 1/2" x 1" x 1 1/4"			W-4096
1 1/2" x 1" x 1"			W-4097
1 1/2" x 1" x 3/4"			W-4098
1 1/2" x 3/4" x 1 1/2"			W-4099
1 1/2" x 3/4" x 3/4"			W-40238
1 1/4" x 1 1/4" x 1 1/2"			W-40100
1" x 1" x 1 1/2"			W-40101
2" x 2" x 2"			W-40102
2" x 2" x 1 1/2"			W-40103
2" x 2" x 1 1/4"			W-40104
2" x 2" x 1"			W-40105
2" x 2" x 3/4"			W-40106
2" x 2" x 1/2"			W-40107
2" x 2" x 3/8"			W-40108
2" x 1 1/2" x 2"			W-40109
2" x 1 1/2" x 1 1/2"			W-40110
2" x 1 1/2" x 1 1/4"			W-40111
2" x 1 1/2" x 1"			W-40112
2" x 1 1/2" x 3/4"			W-40113
2" x 1 1/4" x 2"			W-40115
2" x 1 1/4" x 1 1/2"			W-40116
2" x 1 1/4" x 1 1/4"			W-40117
2" x 1 1/4" x 1"			W-40118
1 1/2" x 1 1/2" x 2"			W-40121
1 1/4" x 1 1/4" x 2"			W-40122
2 1/2" x 2 1/2" x 2 1/2"			W-40123
2 1/2" x 2 1/2" x 2"			W-40124
2 1/2" x 2 1/2" x 1 1/2"			W-40125
2 1/2" x 2 1/2" x 1 1/4"			W-40126
2 1/2" x 2 1/2" x 1"			W-40127
2 1/2" x 2" x 2"			W-40131

Continued next page

Streamline wrot solder-type fittings

WT-600 (continued)

Nominal Size			Part No.
1 C	2 C	3 C	
2" x 2" x 2½"			W-40144
3" x 3" x 3"			W-40152
3" x 3" x 2½"			W-40151
3" x 3" x 2"			W-40150
3" x 3" x 1½"			W-40149
3" x 3" x 1¼"			W-40148
3" x 3" x 1"			W-40147
3" x 3" x ¾"			W-40146
3½" x 3½" x 3½"			W-40190
4" x 4" x 4"			W-40200
4" x 4" x 3"			W-40198
4" x 4" x 2½"			W-40197
4" x 4" x 2"			W-40196
4" x 4" x 1½"			W-40195
4" x 4" x 1¼"			W-40194
4" x 4" x 1"			W-40193
4" x 4" x ¾"			W-40192
5" x 5" x 5"			W-40400
6" x 6" x 6"			W-40500

crossovers

style number

WC-412

copper to copper



Size		Part No.
C	C	
½" x ½"		A-2535
¾" x ¾"		A-2583

return bends

style number

WE-512

copper to copper



Size C	Part No.
¼"	W-6025
¼"	W-6020
¾"	W-6048
¾"	W-6046
¾"	W-6045
¾"	W-6041
¾"	W-6036
¾"	W-6035
¾"	W-6032
½"	W-6069
½"	W-6068
½"	W-6062
½"	W-6060
½"	W-6058
½"	W-6056
½"	W-6053
½"	W-6051
¾"	W-6087
¾"	W-6084
¾"	W-6081
¾"	W-6077
¾"	W-6074
¾"	W-6073
¾"	W-6099
¾"	W-6097
¾"	W-6095
¾"	W-6092
1"	W-60110
1"	W-60111
1¼"	W-60121
1½"	W-60131



Streamline® cast solder-type fittings

couplings

style number

C-100

copper to copper



C	Size	C	Part No.
1/2"	x	1/2"	A-3727
3/4"	x	3/4"	A-4111
1"	x	1"	A-4202
1 1/4"	x	1 1/4"	A-3814
1 1/2"	x	1 1/2"	A-3923
2"	x	2"	A-4021
2 1/2"	x	2 1/2"	A-2769
3"	x	3"	A-4306
3"	x	2"	A-1816
4"	x	4"	A-1978
4"	x	3"	A-1923
4"	x	2"	A-1953
5"	x	5"	A-2063
5"	x	4"	A-2001
6"	x	6"	A-2171
6"	x	4"	A-2102
8"	x	8"	A-3615

eccentric couplings

style number

CE-100

copper to copper



C	Size	C	Part No.
2 1/2"	x	2"	A-2735
3"	x	2 1/2"	A-2792
3"	x	2"	A-2793
4"	x	3"	A-1942

bushings

style number

C-103

fitting to copper



F	Size	C	Part No.
5"	x	4"	A-2008
5"	x	3 1/2"	A-2009
5"	x	3"	A-2010
5"	x	2"	A-2082
6"	x	5"	A-2107
6"	x	4"	A-2108
6"	x	3"	A-2169

adapters

style number

C-101

copper to MPT



C	Size	MPT	Part No.
3/8"	x	3/8"	A-1388
3/8"	x	1/4"	A-1385
1/2"	x	1/2"	A-1501
1/2"	x	3/8"	A-2503
3/4"	x	1/2"	A-1387
3/4"	x	3/4"	A-1526
3/4"	x	1/2"	A-2549
1/2"	x	3/4"	A-2502
1"	x	1"	A-1553
1"	x	3/4"	A-2599
3/4"	x	1"	A-2548
1/2"	x	1"	A-2501
1 1/4"	x	1 1/4"	A-1586

style number

C-101

continued

F	Size	MPT	Part No.
1 1/4"	x	1"	A-2630
1"	x	1 1/4"	A-2598
1 1/2"	x	1 1/2"	A-1624
1 1/2"	x	1 1/4"	A-1665
1 1/4"	x	1 1/2"	A-1620
2"	x	2"	A-1672
2"	x	1 1/2"	A-2696
1 1/2"	x	2"	A-1664
2 1/2"	x	2 1/2"	A-1726
3"	x	3"	A-1776
3 1/2"	x	3 1/2"	A-1826
4"	x	4"	A-1876
5"	x	5"	A-2005
6"	x	6"	A-2104

high ear adapter

style number

C-102HE

copper to FPT



C	Size	FPT	Part No.
1/2"	x	1/2"	A-3037

sill cock adapter

style number

C-102S

copper to FPT



C	Size	FPT	Part No.
1/2"	x	1/2"	A-3948

Continued next column

Streamline® cast solder-type fittings

flush bushings —
see page 4

slip joint adapters —
see page 5

crossovers —
see page 10

adapters

style number

C-102

copper to FPT



C	Size	FPT	Part No.
3/8"	x 3/8"		A-1389
3/8"	x 1/4"		A-1362
1/2"	x 1/2"		A-1524
1/2"	x 3/8"		A-1519
1/2"	x 1/4"		A-3709
3/8"	x 1/2"		A-1351
3/4"	x 3/4"		A-1551
3/4"	x 1/2"		A-4101
3/4"	x 3/8"		A-4122
3/4"	x 3/4"		A-3272
1/2"	x 3/4"		A-2543
1"	x 1"		A-1583
1"	x 3/4"		A-2626
3/4"	x 1"		A-2588
1 1/4"	x 1 1/4"		A-1622
1 1/4"	x 1"		A-2948
1 1/2"	x 1 1/2"		A-1667
1 1/2"	x 1 1/4"		A-2962
2"	x 2"		A-1719
2"	x 1 1/2"		A-4039
2 1/2"	x 2 1/2"		A-1769
3"	x 3"		A-1821
3 1/2"	x 3 1/2"		A-1871
4"	x 4"		A-1926
5"	x 5"		A-2007
6"	x 6"		A-2106

fitting adapters

style number

C-104

fitting to MPT



F	Size	MPT	Part No.
3/8"	x 3/8"		A-1390
1/2"	x 1/2"		A-1503
3/4"	x 3/4"		A-1528
1"	x 1"		A-1555
1 1/4"	x 1 1/4"		A-1588
1 1/2"	x 1 1/2"		A-1626
2"	x 2"		A-1674
3"	x 3"		A-1778
4"	x 4"		A-1878

fitting adapters

style number

C-105

fitting to FPT



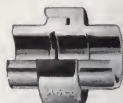
F	Size	FPT	Part No.
3/8"	x 3/8"		A-1391
1/2"	x 1/2"		A-1517
1/2"	x 3/8"		A-1479
3/4"	x 3/4"		A-1542
3/4"	x 1/2"		A-2569
1"	x 1"		A-1573
1"	x 3/4"		A-2611
1 1/4"	x 1 1/4"		A-1589
1 1/2"	x 1 1/2"		A-1627
2"	x 2"		A-1675
3"	x 3"		A-1779

unions

style number

C-107

copper to copper



C	Size	C	Part No.
3/8"	x 3/8"		A-11201
1/2"	x 1/2"		A-11202
3/4"	x 3/4"		A-11203
1"	x 1"		A-11204
1 1/4"	x 1 1/4"		A-11205
1 1/2"	x 1 1/2"		A-11206
2"	x 2"		A-11207
2 1/2"	x 2 1/2"		A-11216

unions

style number

C-108

copper to MPT



C	Size	MPT	Part No.
3/8"	x 3/8"		A-11209
1/2"	x 1/2"		A-11210
3/4"	x 3/4"		A-11211
1"	x 1"		A-11212
1 1/4"	x 1 1/4"		A-11213
1 1/2"	x 1 1/2"		A-11214
2"	x 2"		A-11215
2 1/2"	x 2 1/2"		A-11240

unions

style number

C-109

copper to FPT



C	Size	FPT	Part No.
$\frac{3}{8}$ "	x	$\frac{3}{8}$ "	A-11421
$\frac{1}{2}$ "	x	$\frac{1}{2}$ "	A-11422
$\frac{3}{4}$ "	x	$\frac{3}{4}$ "	A-11423
1"	x	1"	A-11424
$1\frac{1}{4}$ "	x	$1\frac{1}{4}$ "	A-11425
$1\frac{1}{2}$ "	x	$1\frac{1}{2}$ "	A-11426
2"	x	2"	A-11427

tube caps

style number

C-115



Size	Part No.
$\frac{3}{8}$ "	A-1393
$\frac{1}{2}$ "	A-1518
$\frac{3}{4}$ "	A-1543
1"	A-1575
$1\frac{1}{4}$ "	A-1608
$1\frac{1}{2}$ "	A-1651
2"	A-1713
$2\frac{1}{2}$ "	A-1773
3"	A-1814
4"	A-1908
5"	A-2016
6"	A-2115

fitting plugs

style number

C-116



Size	Part No.
F	
$\frac{3}{8}$ "	A-1392
$\frac{1}{2}$ "	A-1504
$\frac{3}{4}$ "	A-1529
1"	A-1556
$1\frac{1}{4}$ "	A-1590
$1\frac{1}{2}$ "	A-1628
2"	A-1676
3"	A-1780

90° elbows

style number

E-200

copper to copper



C	Size	C	Part No.
$\frac{3}{8}$ "	x	$\frac{1}{4}$ "	A-1372
$\frac{3}{8}$ "	x	$\frac{3}{8}$ "	A-1395
$\frac{1}{2}$ "	x	$\frac{1}{2}$ "	A-1505
$\frac{1}{2}$ "	x	$\frac{3}{8}$ "	A-1523
$\frac{3}{4}$ "	x	$\frac{3}{4}$ "	A-1530
$\frac{3}{4}$ "	x	$\frac{1}{2}$ "	A-1547
$\frac{3}{4}$ "	x	$\frac{3}{8}$ "	A-2555
1"	x	1"	A-1557
1"	x	$\frac{3}{4}$ "	A-1576
1"	x	$\frac{1}{2}$ "	A-2605
$1\frac{1}{4}$ "	x	$1\frac{1}{4}$ "	A-1591
$1\frac{1}{4}$ "	x	1"	A-2637
$1\frac{1}{4}$ "	x	$\frac{3}{4}$ "	A-2638
$1\frac{1}{4}$ "	x	$\frac{1}{2}$ "	A-3826
$1\frac{1}{2}$ "	x	$1\frac{1}{2}$ "	A-1629

Continued next column

style number

E-200

continued

C	Size	C	Part No.
$1\frac{1}{2}$ "	x	$1\frac{1}{4}$ "	A-2662
$1\frac{1}{2}$ "	x	1"	A-2663
$1\frac{1}{2}$ "	x	$\frac{3}{4}$ "	A-3905
2"	x	2"	A-1677
2"	x	$1\frac{1}{2}$ "	A-2690
2"	x	$1\frac{1}{4}$ "	A-2691
2"	x	1"	A-2724
$2\frac{1}{2}$ "	x	$2\frac{1}{2}$ "	A-1731
$2\frac{1}{2}$ "	x	2"	A-2725
3"	x	3"	A-1781
3"	x	$2\frac{1}{2}$ "	A-2777
3"	x	2"	A-2778
$3\frac{1}{2}$ "	x	$3\frac{1}{2}$ "	A-1831
4"	x	4"	A-1881
4"	x	3"	A-1932
5"	x	5"	A-2018
6"	x	6"	A-2117

90° street elbows

style number

E-203

copper to fitting



C	Size	F	Part No.
$\frac{3}{8}$ "	x	$\frac{3}{8}$ "	A-1359
$\frac{1}{2}$ "	x	$\frac{1}{2}$ "	A-2534
$\frac{3}{4}$ "	x	$\frac{3}{4}$ "	A-2576
1"	x	1"	A-2617
$1\frac{1}{4}$ "	x	$1\frac{1}{4}$ "	A-2652
$1\frac{1}{2}$ "	x	$1\frac{1}{2}$ "	A-2680
2"	x	2"	A-2713
$2\frac{1}{2}$ "	x	$2\frac{1}{2}$ "	A-2750
3"	x	3"	A-2812
4"	x	4"	A-1975

Streamline® cast solder-type fittings

90° elbows

style number

E-201

copper to MPT



C	Size	MPT	Part No.
3/8"	x	3/8"	A-1396
1/2"	x	1/2"	A-1506
1/2"	x	3/8"	A-2510
3/8"	x	1/2"	A-1381
3/4"	x	3/4"	A-1531
3/4"	x	1/2"	A-2558
1/2"	x	3/4"	A-2509
1"	x	1"	A-1558
1"	x	3/4"	A-2607
3/4"	x	1"	A-2557
1 1/4"	x	1 1/4"	A-1593
1 1/2"	x	1 1/2"	A-1631
2"	x	2"	A-1679
2 1/2"	x	2 1/2"	A-1762
3"	x	3"	A-1813

90° elbows

style number

E-202

copper to FPT



C	Size	FPT	Part No.
3/8"	x	3/8"	A-1397
1/2"	x	1/2"	A-1507
1/2"	x	3/8"	A-1520
3/8"	x	1/2"	A-1379
3/4"	x	3/4"	A-1532

style number

E-202

continued

C	Size	FPT	Part No.
3/4"	x	1/2"	A-2560
3/4"	x	3/8"	A-2900
1/2"	x	3/4"	A-2512
1"	x	1"	A-1559
1"	x	3/4"	A-2609
3/4"	x	1"	A-2559
1 1/4"	x	1 1/4"	A-1594
1 1/4"	x	1"	A-2642
1"	x	1 1/4"	A-2608
1 1/2"	x	1 1/2"	A-1632
1 1/2"	x	1 1/4"	A-2667
1 1/4"	x	1 1/2"	A-2641
2"	x	2"	A-1680
2"	x	1 1/2"	A-2695
2 1/2"	x	2 1/2"	A-1733
3"	x	3"	A-1783
4"	x	4"	A-1883

drop ear 90° elbows

style number

E-211

copper to FPT



C	Size	FPT	Part No.
3/8"	x	3/8"	A-1367
1/2"	x	1/2"	A-1508
1/2"	x	3/8"	A-2513
3/8"	x	1/2"	A-1361
3/4"	x	3/4"	A-2581
1"	x	1"	A-2849

drop ear 90° elbows

style number

E-210

copper to copper



C	Size	C	Part No.
3/8"	x	3/8"	A-1382
1/2"	x	1/2"	A-2508
3/4"	x	3/4"	A-2556

high ear 90° elbows

style number

E-210HE

copper to copper



C	Size	C	Part No.
1/2"	x	1/2"	A-3040

high ear 90° elbows

style number

E-211HE

copper to FPT



C	Size	FPT	Part No.
1/2"	x	1/2"	A-3038
1/2"	x	3/8"	A-3039

90° union elbows

style number

E-207

copper to copper



C	Size	C	Part No.
$\frac{3}{8}$ "	x	$\frac{3}{8}$ "	A-11431
$\frac{1}{2}$ "	x	$\frac{1}{2}$ "	A-11432
$\frac{3}{4}$ "	x	$\frac{3}{4}$ "	A-11433
1"	x	1"	A-11434
$1\frac{1}{4}$ "	x	$1\frac{1}{4}$ "	A-11435
$1\frac{1}{2}$ "	x	$1\frac{1}{2}$ "	A-11436
2"	x	2"	A-11437

90° union elbows

style number

E-208

copper to MPT



C	Size	MPT	Part No.
$\frac{3}{8}$ "	x	$\frac{3}{8}$ "	A-11441
$\frac{1}{2}$ "	x	$\frac{1}{2}$ "	A-11442
$\frac{3}{4}$ "	x	$\frac{3}{4}$ "	A-11443
1"	x	1"	A-11444
$1\frac{1}{4}$ "	x	$1\frac{1}{4}$ "	A-11445
$1\frac{1}{2}$ "	x	$1\frac{1}{2}$ "	A-11446
2"	x	2"	A-11447

90° union elbows

style number

E-209

copper to FPT



C	Size	FPT	Part No.
$\frac{3}{8}$ "	x	$\frac{3}{8}$ "	A-11451
$\frac{1}{2}$ "	x	$\frac{1}{2}$ "	A-11452
$\frac{3}{4}$ "	x	$\frac{3}{4}$ "	A-11453
1"	x	1"	A-11454

90° flanged sink elbows

style number

E-215

copper to FPT



C	Size	FPT	Part No.
$\frac{1}{2}$ "	x	$\frac{1}{2}$ "	A-3706
$\frac{3}{8}$ "	x	$\frac{1}{2}$ "	A-1345

90° water meter elbow

style number

E-216

copper to MPT



C	Size	MPT	Part No.
$\frac{3}{4}$ "	x	$\frac{3}{4}$ "	A-2916

90° hose elbow

style number

E201H

copper to male
garden hose
(11½ N.H. thread)



C	Size	M.Hose	Part No.
$\frac{1}{2}$ "	x	$\frac{3}{4}$ "	A-2855

Streamline® cast solder-type fittings

45° elbows

style number

E-204

copper to copper



C	Size	C	Part No.
3/8"	x	3/8"	A-1394
1/2"	x	1/2"	A-1516
3/4"	x	3/4"	A-1546
1"	x	1"	A-1574
1 1/4"	x	1 1/4"	A-1592
1 1/2"	x	1 1/2"	A-1630
2"	x	2"	A-1678
2 1/2"	x	2 1/2"	A-1732
3"	x	3"	A-1782
4"	x	4"	A-1882
5"	x	5"	A-2017
6"	x	6"	A-2116

45°

street elbows

style number

E-205

copper to fitting



C	Size	F	Part No.
1/2"	x	1/2"	A-2533
3/4"	x	3/4"	A-2575
1"	x	1"	A-2616
1 1/4"	x	1 1/4"	A-2648
1 1/2"	x	1 1/2"	A-2674
2"	x	2"	A-2712
3"	x	3"	A-2811
4"	x	4"	A-1989

return bends

style number

E-212

copper to copper



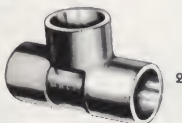
Size	Part No.
C	
1/2"	A-3723
3/4"	A-4106
1"	A-4208
1 1/4"	A-3816
1 1/2"	A-3926
1 1/2"	A-3925
2"	A-4023

tees

style number

T-300

copper to copper to
copper



1	Size	3	Part No.
C	C	C	
3/8"	x	3/8"	A-1398
1/2"	x	1/2"	A-1511
1/2"	x	3/4"	A-1510
1/2"	x	1/2"	A-1522
1/2"	x	3/4"	A-1509
3/4"	x	1/2"	A-2514

style number

T-300 continued

1	Size	3	Part No.
C	C	C	
3/4"	x	3/4"	A-1536
3/4"	x	1/2"	A-1535
3/4"	x	3/4"	A-2562
3/4"	x	1/2"	A-1534
3/4"	x	1/2"	A-1533
1/2"	x	1/2"	A-1537
1"	x	1"	A-1566
1"	x	3/4"	A-1565
1"	x	1/2"	A-1564
1"	x	3/4"	A-1578
1"	x	1"	A-1563
1"	x	3/4"	A-1562
1"	x	1/2"	A-1561
1"	x	1"	A-1580
1"	x	1/2"	A-1560
1"	x	1/2"	A-1581

T-300 continued

1 C	Size 2 C	3 C	Part No.
$\frac{3}{4}$ " x $\frac{3}{4}$ " x 1"			A-1568
$1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $1\frac{1}{4}$ "			A-1605
$1\frac{1}{4}$ " x $1\frac{1}{4}$ " x 1"			A-1604
$1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $\frac{3}{4}$ "			A-1603
$1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $\frac{1}{2}$ "			A-1602
$1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $\frac{3}{8}$ "			A-2659
$1\frac{1}{4}$ " x 1" x $1\frac{1}{4}$ "			A-1601
$1\frac{1}{4}$ " x 1" x 1"			A-1600
$1\frac{1}{4}$ " x 1" x $\frac{3}{4}$ "			A-1599
$1\frac{1}{4}$ " x 1" x $\frac{1}{2}$ "			A-1598
$1\frac{1}{4}$ " x $\frac{3}{4}$ " x $1\frac{1}{4}$ "			A-1611
$1\frac{1}{4}$ " x $\frac{3}{4}$ " x 1"			A-1597
$1\frac{1}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ "			A-1596
$1\frac{1}{4}$ " x $\frac{1}{2}$ " x $1\frac{1}{4}$ "			A-1612
$1\frac{1}{4}$ " x $\frac{1}{2}$ " x 1"			A-1610
1" x 1" x $1\frac{1}{4}$ "			A-1606
$1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $1\frac{1}{2}$ "			A-1642
$1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $1\frac{1}{4}$ "			A-1650
$1\frac{1}{2}$ " x $1\frac{1}{2}$ " x 1"			A-1641
$1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $\frac{3}{4}$ "			A-1640
$1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $\frac{1}{2}$ "			A-1639
$1\frac{1}{2}$ " x $1\frac{1}{4}$ " x $1\frac{1}{2}$ "			A-1638
$1\frac{1}{2}$ " x $1\frac{1}{4}$ " x $1\frac{1}{4}$ "			A-1637
$1\frac{1}{2}$ " x $1\frac{1}{4}$ " x 1"			A-1636
$1\frac{1}{2}$ " x $1\frac{1}{4}$ " x $\frac{3}{4}$ "			A-1635
$1\frac{1}{2}$ " x $1\frac{1}{4}$ " x $\frac{1}{2}$ "			A-1649
$1\frac{1}{2}$ " x 1" x $1\frac{1}{2}$ "			A-1634
$1\frac{1}{2}$ " x 1" x $1\frac{1}{4}$ "			A-1653
$1\frac{1}{2}$ " x $\frac{3}{4}$ " x $1\frac{1}{4}$ "			A-1656
$1\frac{1}{2}$ " x 1" x 1"			A-1633
$1\frac{1}{2}$ " x 1" x $\frac{3}{4}$ "			A-1654
$1\frac{1}{2}$ " x $\frac{3}{4}$ " x 1"			A-1657
$1\frac{1}{2}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ "			A-1658
$1\frac{1}{2}$ " x $\frac{3}{4}$ " x $1\frac{1}{2}$ "			A-1648
$1\frac{1}{2}$ " x $\frac{1}{2}$ " x $1\frac{1}{2}$ "			A-2687
$1\frac{1}{4}$ " x $1\frac{1}{4}$ " x $1\frac{1}{2}$ "			A-1643
1" x 1" x $1\frac{1}{2}$ "			A-1652
$\frac{3}{4}$ " x $\frac{3}{4}$ " x $1\frac{1}{2}$ "			A-2975
2" x 2" x 2"			A-1695
2" x 2" x $1\frac{1}{2}$ "			A-1694
2" x 2" x $1\frac{1}{4}$ "			A-1693
2" x 2" x 1"			A-1692
2" x 2" x $\frac{3}{4}$ "			A-1691
2" x 2" x $\frac{1}{2}$ "			A-1690
2" x $1\frac{1}{2}$ " x 2"			A-1700
2" x $1\frac{1}{2}$ " x $1\frac{1}{2}$ "			A-1689
2" x $1\frac{1}{2}$ " x $1\frac{1}{4}$ "			A-1688
2" x $1\frac{1}{2}$ " x 1"			A-1687

Continued next column

T-300 continued

1 C	Size 2 C	3 C	Part No.
2" x $1\frac{1}{2}$ " x $\frac{3}{4}$ "			A-1686
2" x $1\frac{1}{2}$ " x $\frac{1}{2}$ "			A-1685
2" x $1\frac{1}{4}$ " x $1\frac{1}{4}$ "			A-1682
2" x $1\frac{1}{4}$ " x 1"			A-1681
2" x 1" x 2"			A-1703
2" x 1" x 1"			A-1706
2" x $\frac{3}{4}$ " x 2"			A-1707
2" x $\frac{1}{2}$ " x 2"			A-2710
$1\frac{1}{2}$ " x $1\frac{1}{2}$ " x 2"			A-1697
$2\frac{1}{2}$ " x $2\frac{1}{2}$ " x $2\frac{1}{2}$ "			A-1734
$2\frac{1}{2}$ " x $2\frac{1}{2}$ " x 2"			A-1735
$2\frac{1}{2}$ " x $2\frac{1}{2}$ " x $1\frac{1}{2}$ "			A-1736
$2\frac{1}{2}$ " x $2\frac{1}{2}$ " x $1\frac{1}{4}$ "			A-1737
$2\frac{1}{2}$ " x $2\frac{1}{2}$ " x 1"			A-1738
$2\frac{1}{2}$ " x $2\frac{1}{2}$ " x $\frac{3}{4}$ "			A-1739
$2\frac{1}{2}$ " x $2\frac{1}{2}$ " x $\frac{1}{2}$ "			A-1740
$2\frac{1}{2}$ " x 2" x $2\frac{1}{2}$ "			A-1741
$2\frac{1}{2}$ " x 2" x 2"			A-1742
$2\frac{1}{2}$ " x 2" x $1\frac{1}{2}$ "			A-1743
$2\frac{1}{2}$ " x 2" x $1\frac{1}{4}$ "			A-1744
$2\frac{1}{2}$ " x 2" x 1"			A-1745
$2\frac{1}{2}$ " x 2" x $\frac{3}{4}$ "			A-1746
$2\frac{1}{2}$ " x $1\frac{1}{2}$ " x $2\frac{1}{2}$ "			A-1748
$2\frac{1}{2}$ " x $1\frac{1}{2}$ " x 2"			A-1749
$2\frac{1}{2}$ " x $1\frac{1}{2}$ " x $1\frac{1}{2}$ "			A-1750
$2\frac{1}{2}$ " x $1\frac{1}{4}$ " x $2\frac{1}{2}$ "			A-1751
$2\frac{1}{2}$ " x 1" x $2\frac{1}{2}$ "			A-2738
$2\frac{1}{2}$ " x $\frac{3}{4}$ " x $2\frac{1}{2}$ "			A-2736
3" x 3" x 3"			A-1784
3" x 3" x $2\frac{1}{2}$ "			A-1785
3" x 3" x 2"			A-1786
3" x 3" x $1\frac{1}{2}$ "			A-1787
3" x 3" x $1\frac{1}{4}$ "			A-1788
3" x 3" x 1"			A-1789
3" x 3" x $\frac{3}{4}$ "			A-1790
3" x 3" x $\frac{1}{2}$ "			A-1791
3" x $2\frac{1}{2}$ " x 3"			A-1792
3" x $2\frac{1}{2}$ " x $2\frac{1}{2}$ "			A-1793
3" x $2\frac{1}{2}$ " x 2"			A-1794
3" x $2\frac{1}{2}$ " x $1\frac{1}{2}$ "			A-1795
3" x $2\frac{1}{2}$ " x $1\frac{1}{4}$ "			A-1796
3" x $2\frac{1}{2}$ " x 1"			A-1797
3" x 2" x 3"			A-1800
3" x 2" x $2\frac{1}{2}$ "			A-1801
3" x 2" x 2"			A-1802
3" x $1\frac{1}{2}$ " x 3"			A-1803
3" x $1\frac{1}{4}$ " x 3"			A-1805

Continued next page

Streamline®

cast solder-type fittings

T-300 continued

1 C	Size 2 C	3 C	Part No.
2½" x 2½" x 3"			A-1812
2" x 2" x 3"			A-1811
3½" x 3½" x 3½"			A-1834
3½" x 3½" x 3"			A-1835
3½" x 3½" x 2½"			A-1836
3½" x 3½" x 2"			A-1837
3½" x 3½" x 1½"			A-1838
3½" x 3½" x 1½"			A-1839
3½" x 3½" x 1"			A-1840
4" x 4" x 4"			A-1884
4" x 4" x 3"			A-1885
4" x 4" x 2½"			A-1886
4" x 4" x 2"			A-1887
4" x 4" x 1½"			A-1888
4" x 4" x 1¼"			A-1889
4" x 4" x 1"			A-1890
4" x 4" x ¾"			A-1891
4" x 3" x 4"			A-1893
4" x 3" x 3"			A-1894
4" x 3" x 2½"			A-1895
4" x 3" x 2"			A-1896
4" x 2½" x 4"			A-1944
4" x 2" x 4"			A-1906
3" x 3" x 4"			A-1902
5" x 5" x 5"			A-2029
5" x 5" x 4"			A-2030
5" x 5" x 3"			A-2032
5" x 5" x 2½"			A-2033
5" x 5" x 2"			A-2034
5" x 4" x 4"			A-2041
4" x 4" x 5"			A-2028
6" x 6" x 6"			A-2126
6" x 6" x 5"			A-2127
6" x 6" x 4"			A-2128
6" x 6" x 3"			A-2130
6" x 6" x 2½"			A-2131
6" x 6" x 2"			A-2132
6" x 4" x 6"			A-2157
6" x 4" x 4"			A-2161
6" x 2" x 6"			A-2155
4" x 4" x 6"			A-2124

tees

style number

T-302

copper to copper
to FPT



1 C	Size 2 C	3 FPT	Part No.
¾" x ¾" x ¾"			A-1399
½" x ½" x ½"			A-1512
½" x ½" x ¾"			A-1521
¾" x ¾" x ½"			A-1376
¾" x ¾" x ¾"			A-1538
¾" x ¾" x ½"			A-1539
¾" x ¾" x ¾"			A-2578
¾" x ½" x ¾"			A-2907
¾" x ½" x ½"			A-1540
½" x ½" x ¾"			A-2517
1" x 1" x 1"			A-1569
1" x 1" x ¾"			A-1572
1" x 1" x ½"			A-1570
1" x 1" x ¾"			A-2622
1" x ¾" x ¾"			A-2623
1" x ¾" x ½"			A-1571
1¼" x 1¼" x 1¼"			A-1607
1¼" x 1¼" x 1"			A-2655
1¼" x 1¼" x ¾"			A-2654
1¼" x 1¼" x ½"			A-1613
1½" x 1½" x 1½"			A-1644
1½" x 1½" x 1"			A-2688
1½" x 1½" x ¾"			A-2673
1½" x 1½" x ½"			A-1645
1½" x 1¼" x 1"			A-2683
2" x 2" x 2"			A-1698
2" x 2" x 1½"			A-2981
2" x 2" x 1¼"			A-2982
2" x 2" x 1"			A-2703
2" x 2" x ¾"			A-2706
2" x 2" x ½"			A-1699

tees

style number

T-303

copper to FPT to copper



1 C	Size 2 FPT	3 C	Part No.
3/8" x	3/8" x	3/8"	A-1377
1/2" x	1/2" x	1/2"	A-2516
1/2" x	3/4" x	1/2"	A-2151
3/4" x	3/4" x	3/4"	A-1548
3/4" x	1/2" x	3/4"	A-2587
1" x	1" x	1"	A-1577
1" x	3/4" x	1"	A-2624
1 1/4" x	1 1/4" x	1 1/4"	A-1621
1 1/2" x	1 1/2" x	1 1/2"	A-1646
2" x	2" x	2"	A-1712

tees

style number

T-304

FPT to FPT to copper



1 FPT	Size 2 FPT	3 C	Part No.
1/2" x	1/2" x	1/2"	A-1502
3/8" x	3/8" x	1/2"	A-2539
3/8" x	3/4" x	3/4"	A-4117
3/4" x	1/2" x	3/4"	A-4109
3/4" x	3/4" x	1/2"	A-3711
3/4" x	1/2" x	1/2"	A-9692

drop ear tees

style number

T-310

copper to copper to copper



1 C	Size 2 C	3 C	Part No.
1/2" x	1/2" x	1/2"	A-2515
1/2" x	1/2" x	3/8"	A-3733
3/4" x	3/4" x	3/4"	A-1550

high ear tees

style number

T-310HE

copper to copper to copper



1 C	Size 2 C	3 C	Part No.
1/2" x	1/2" x	1/2"	A-3066

drop ear tees

style number

T-311

copper to copper to FPT



1 C	Size 2 C	3 FPT	Part No.
3/8" x	3/8" x	3/8"	A-1356
1/2" x	1/2" x	1/2"	A-1513
1/2" x	1/2" x	3/8"	A-2518
3/4" x	3/4" x	3/4"	A-1549

Streamline®

cast solder-type fittings

high ear tees

style number

T-311HE

copper to copper
to FPT



1 C	Size 2 C	3 FPT	Part No.
1/2" x	1/2" x	1/2"	A-3065
1/2" x	1/2" x	3/8"	A-3064

45° Y

style number

T-317

copper to copper
to copper



1 C	Size 2 C	3 C	Part No.
1/2" x	1/2" x	1/2"	A-3726
3/4" x	3/4" x	3/4"	A-4119
1" x	1" x	1"	A-4216

crosses

style number

T-312

copper to copper
to copper to copper



1 C	Size 2 C	3 C	4 C	Part No.
1/2" x	1/2" x	1/2" x	1/2"	A-2532
3/4" x	3/4" x	3/4" x	3/4"	A-2579
3/4" x	3/4" x	1/2" x	1/2"	A-2905
1" x	1" x	1" x	1"	A-2612
1" x	1" x	3/4" x	3/4"	A-2610
1" x	1" x	1/2" x	1/2"	A-4200
1 1/4" x	1 1/4" x	1 1/4" x	1 1/4"	A-2649
1 1/2" x	1 1/2" x	1 1/2" x	1 1/2"	A-2672
2" x	2" x	2" x	2"	A-2707
2 1/2" x	2 1/2" x	2 1/2" x	2 1/2"	A-2734
3" x	3" x	3" x	3"	A-2783
4" x	4" x	4" x	4"	A-1976
6" x	6" x	6" x	6"	A-2163



Streamline®

cast valves

stop regular

style number

V-1011

copper to copper



Size
C

$\frac{3}{8}$ "
 $\frac{1}{2}$ "
 $\frac{3}{4}$ "

Part No.

M-10031
M-10033
M-10035

stop regular

angle-type

style number

V-1022

copper to copper



Size
C

$\frac{1}{2}$ "
 $\frac{3}{4}$ "

Part No.

M-10051
M-10053

stop regular

style number

V-1005

FPT to FPT



Size
FPT

$\frac{3}{8}$ "
 $\frac{1}{2}$ "
 $\frac{3}{4}$ "

Part No.

M-10041
M-10043
M-10045

stop heavyweight

style number

V-1002

copper to copper



Size
C

$\frac{3}{8}$ "
 $\frac{1}{2}$ "
 $\frac{3}{4}$ "
1"

Part No.

M-10022
M-10023
M-10025
M-10026

**stop and waste
regular—with right
hand waste**

style number

V-1012

copper to copper



Size
C

$\frac{3}{8}$ "
 $\frac{1}{2}$ "
 $\frac{3}{4}$ "

Part No.

M-10030
M-10032
M-10034

**stop and waste
heavyweight—with
right hand waste**

style number

V-1003

copper to copper



Size
C

$\frac{3}{8}$ "
 $\frac{1}{2}$ "
 $\frac{3}{4}$ "
1"

Part No.

M-10002
M-10003
M-10005
M-10006

**stop and waste
regular—with right
hand waste**

style number

V-1006

FPT to FPT



Size
FPT

$\frac{3}{8}$ "
 $\frac{1}{2}$ "
 $\frac{3}{4}$ "

Part No.

M-10040
M-10042
M-10044

globe

125# w.s.p.

**225# nonschock—oil,
water or gas**

style number

V-1000

copper to copper



Size
C

$\frac{1}{4}$ "
 $\frac{3}{8}$ "
 $\frac{1}{2}$ "
 $\frac{3}{4}$ "
1"

Part No.

M-15125
M-15126
M-15127
M-15129
M-15130

$1\frac{1}{4}$ "
 $1\frac{1}{2}$ "
2"

M-15131
M-15132
M-15133

globe

125# w.s.p.

**225# nonschock—oil,
water or gas**

style number

V-1001

FPT to FPT



Size FPT	Part No.
1/4"	M-15135
3/8"	M-15136
1/2"	M-15137
3/4"	M-15139
1"	M-15140
1 1/4"	M-15141
1 1/2"	M-15142
2"	M-15143

globe

150# w.s.p.

**300# nonschock—oil,
water or gas**

style number

V-1014

FPT to FPT



Size FPT	Part No.
1/4"	M-15021
3/8"	M-15022
1/2"	M-15023
3/4"	M-15025
1"	M-15026
1 1/4"	M-15027
1 1/2"	M-15028
2"	M-15029

globe

150# w.s.p.

**300# nonschock—oil,
water or gas**

style number

V-1013

copper to copper



Size C	Part No.
1/4"	M-15001
3/8"	M-15002
1/2"	M-15003
3/4"	M-15005
1"	M-15006
1 1/4"	M-15007
1 1/2"	M-15008
2"	M-15009
2 1/2"	M-15010
3"	M-15011
3 1/2"	M-15012
4"	M-15013
5"	M-15014
6"	M-15015

gate

125# w.s.p.

**225# nonschock—oil,
water or gas**

style number

V-1009

copper to copper

non-rising stem



Size C	Part No.
3/8"	M-15082
1/2"	M-15083
3/4"	M-15085
1"	M-15086
1 1/4"	M-15087
1 1/2"	M-15088
2"	M-15089
2 1/2"	M-15090
3"	M-15091

gate

150# w.s.p.

**300# nonshock—oil,
water or gas**

style number

V-1009A

bolted bonnet

copper to copper

non-rising stem



Size
C

Part No.

3½"	M-15150
4"	M-15151
5"	M-15152
6"	M-15153

gate

125# w.s.p.

**225# nonshock—oil,
water or gas**

style number

V-1021

FPT to FPT

non-rising stem



Size
FPT

Part No.

¾"	M-15102
½"	M-15103
¾"	M-15105
1"	M-15106
1¼"	M-15107
1½"	M-15108
2"	M-15109
2½"	M-15110
3"	M-15111

gate

125# w.s.p.—225#

**nonshock—oil,
water or gas**

style number

V-1026

copper to copper

rising stem



Size
C

Part No.

¾"	M-15052
½"	M-15053
¾"	M-15055
1"	M-15056
1¼"	M-15057
1½"	M-15058
2"	M-15059
2½"	M-15060
3"	M-15061

swing check

**125#—225# nonshock—oil,
water or gas**

style number

V-1007

copper to copper



Size
C

Part No.

¾"	M-10102
½"	M-10103
¾"	M-10105
1"	M-10106
1¼"	M-10107
1½"	M-10108
2"	M-10109

swing check

**150#-300# nonsheok-oil,
water or gas**

style number

V-1007A

copper to copper



Size
C

Part No.

2½"

M-10110

3"

M-10111

3½"

M-10112

4"

M-10113

5"

M-10114

6"

M-10115

sill cocks

style number

V-1016

FPT to 11½ N.H.
thread



sill cocks

style number

V-1015

copper to 11½ N.H.
thread



C Size

M. Hose

Part No.

½"

¾"

M-10221

¾"

¾"

M-10222

boiler drains

style number

V-1017

MPT to 11½ N.H.
thread



MPT Size

M. Hose

Part No.

½"

¾"

M-10201

¾"

¾"

M-10202

boiler drains

style number

V-1024

copper to 11½ N.H.
thread



C Size

M. Hose

Part No.

½"

¾"

M-10203

¾"

¾"

M-10204

boiler drain

style number

V-1025

FPT to 11½ N.H.
thread



FPT Size

M. Hose

Part No.

½"

¾"

M-10205

couplings

wrot

style number

D-741

copper to copper



C	Size	C	Part No.
1 1/4"	x	1 1/4"	W-7055
1 1/2"	x	1 1/2"	W-7063
1 1/2"	x	1 1/4"	W-7061
2"	x	2"	W-7072
2"	x	1 1/2"	W-7073
2"	x	1 1/4"	W-7074
3"	x	3"	W-7092
3"	x	2"	W-7094
3"	x	1 1/2"	W-7095
3"	x	1 1/4"	W-7096
4"	x	4"	W-70107

vent increaser

wrot

style number

D-751

copper to copper



C	Size	C	Part No.
4"	x	3"	W-70109

trap adapters

wrot

style number

D-732

copper to MPT



C	Size	MPT	Part No.
1 1/4"	x	1 1/4"	A-7012
1 1/2"	x	1 1/2"	A-7054
1 1/2"	x	1 1/4"	A-7233
2"	x	2"	A-7094
*3"	x	3"	A-7234

bushings

wrot

style number

D-742

fitting to copper



F	Size	C	Part No.
1 1/2"	x	1 1/4"	W-7350
2"	x	1 1/2"	W-7358
2"	x	1 1/4"	W-7359
3"	x	2"	W-7377
3"	x	1 1/2"	W-7378
3"	x	1 1/4"	W-7379
4"	x	3"	W-7387
4"	x	2"	W-7389

vent increaser tubes

wrot

style number

D-752

copper to tube



C	Size	Overall Length	Part No.
1 1/2"	x	4"	W-70113
2"	x	4"	W-70114
3"	x	4"	W-70112
3"	x	4"	W-70111
3"	x	4"	W-70110

flush adapters

style number

D-732F

copper to MPT



C	Size	MPT	Part No.
1 1/4"	x	1 1/4"	A-7230
1 1/4"	x	1 1/2"	A-7263
1 1/2"	x	1 1/2"	A-7231
2"	x	2"	A-7232
3"	x	3"	A-7264

adapters

style number

D-753

copper to FPT



C	Size FPT	Part No.
1 1/4"	x 1 1/4"	A-7405
1 1/2"	x 1 1/2"	A-7435
2"	x 2"	A-7402
2"	x 1 1/2"	A-7475
3"	x 3"	A-7403

adapters

style number

D-754

fitting to FPT



F	Size FPT	Part No.
1 1/4"	x 1 1/4"	A-7406
1 1/2"	x 1 1/2"	A-7436
2"	x 2"	A-7481
3"	x 3"	A-7482

cleanout plugs

style number

D-745



Size MPT	Part No.
3/4"	A-7679
1"	A-7683
1 1/4"	A-7407
1 1/2"	A-7437
2"	A-7222
2 1/2"	A-7187
3"	A-7224
3 1/2"	A-7227

tube cleanouts

(includes brass plug)

style number

D-731

copper to cleanout



Size C	Part No.
1 1/4"	A-11370
1 1/2"	A-11371
2"	A-11372
3"	A-11373
4"	A-11374

fitting cleanouts

(includes brass plug)

style number

D-730

fitting to cleanout



Size F	Part No.
1 1/4"	A-11350
1 1/2"	A-11351
2"	A-11352
3"	A-11353
4"	A-11354

flush fitting cleanouts

(includes brass plug)

style number

D-730F

fitting to cleanout



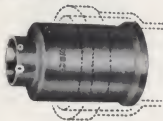
Size F	Part No.
1 1/4"	A-11551
1 1/2"	A-11552
2"	A-11553
3"	A-11554

soil pipe adapters

style number

D-733

copper to soil pipe



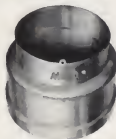
Size C	Soil Pipe	Part No.
1 1/4" x 2"		A-7016
1 1/2" x 2"		A-7043
1 1/2" x 3"		A-7324
2" x 4"		A-7322
2" x 3"		A-7323
2" x 2"		A-7086
3" x 3"		A-7163
3" x 4"		A-7169
4" x 4"		A-7220

soil pipe bell adapters

style number

D-736

copper to soil pipe
bell



Size C	Soil Pipe Bell	Part No.
3" x 4"		A-7015
4" x 4"		A-7014

1/4 bends (90°)

cast

style number

D-700

copper to copper



Size C	Size C	Part No.
1 1/4" x 1 1/4"		A-7009
1 1/2" x 1 1/2"		A-7042
1 1/2" x 1 1/4"		A-7056
2" x 2"		A-7087
3" x 3"		A-7155
4" x 4"		A-7215
4" x 3"		A-7214

slip joint thread adapters

wrot

style number

D-729

copper to slip joint



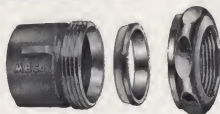
Size C	Slip Joint O.D.	Part No.
1 1/4"	1 1/4"	W-7050
1 1/2"	1 1/2"	W-7051

slip joint adapter assemblies

style number

D-724

copper to slip joint



Size C	Slip Joint O.D.	Part No.
1 1/4"	1 1/4"	A-11355
1 1/2"	1 1/2"	A-11356
1 1/2"	1 1/4"	A-11383

1/4 bends (90°)

wrot

style number

DW-200

copper to copper



Size C	Size C	Part No.
1 1/4" x 1 1/4"		W-7400
1 1/2" x 1 1/2"		W-7401
2" x 2"		W-7403
3" x 3"		W-7404

1/4 bends (90°)

cast

style number

D-700F

copper to fitting



Size		Part No.
C	F	
1 1/4" x 1 1/4"		A-7676
1 1/2" x 1 1/2"		A-7685
2" x 2"		A-7691
3" x 3"		A-7118
4" x 4"		A-7119

1/4 bends (90°)

style number

D-705

copper to FPT



Size		Part No.
C	FPT	
1 1/4" x 1 1/4"		A-7029
1 1/2" x 1 1/2"		A-7059
1 1/2" x 1 1/4"		A-7096
2" x 2"		A-7097
2" x 1 1/2"		A-7401

1/4 bends (90°)

wrot

style number

DW-203

copper to fitting



Size		Part No.
C	F	
1 1/4" x 1 1/4"		W-7410
1 1/2" x 1 1/2"		W-7411
2" x 2"		W-7412
3" x 3"		W-7413

1/4 bend (90°)

assemblies

style number

D-726

copper to slip joint



Size		Part No.
C	Slip Joint O.D.	
1 1/4"	1 1/4"	A-11361
1 1/2"	1 1/2"	A-11362
1 1/2"	1 1/4"	A-11363

1/4 bends (90°)

style number

D-722

copper to MPT



Size		Part No.
C	MPT	
1 1/4" x 1 1/4"		A-7325
1 1/2" x 1 1/2"		A-7326
1 1/2" x 1 1/4"		A-7327
2" x 2"		A-7328

1/4 bends (90°)

with high heel inlet

style number

D-743

copper to copper to copper



Size			Part No.
1	2	3	
3" x 3"	3" x 2"		A-7760
3" x 3"	3" x 1 1/2"		A-7759

1/4 bends (90°)

with low heel inlet

style number

D-737

copper to copper to
copper



1	Size 2	3	Part No.
3"	x 3"	x 2"	A-7330
3"	x 3"	x 1 1/2"	A-7331

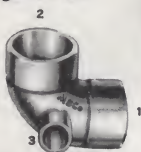
1/4 bends (90°)

with side inlet—right or left

style number

D-744

copper to copper to
copper



1	Size 2	3	Part No.
3"	x 3"	x 2"	A-7762
3"	x 3"	x 1 1/2"	A-7761
4"	x 4"	x 1 1/2"	A-7217

1/6 bends (60°)

style number

D-701

copper to copper



C	Size C	Part No.
1 1/4"	x 1 1/4"	A-7021
1 1/2"	x 1 1/2"	A-7064
2"	x 2"	A-7104
3"	x 3"	A-7154
4"	x 4"	A-7303

1/8 bends (45°)

wrot

style number

DW-204

copper to copper



C	Size C	Part No.
1 1/4"	x 1 1/4"	W-7420
1 1/2"	x 1 1/2"	W-7421
2"	x 2"	W-7422
3"	x 3"	W-7423

1/8 bends (45°)

cast

style number

D-702

copper to copper



C	Size C	Part No.
1 1/4"	x 1 1/4"	A-7010
1 1/2"	x 1 1/2"	A-7045
2"	x 2"	A-7088
3"	x 3"	A-7156
4"	x 4"	A-7304

1/8 bends (45°)

cast

style number

D-702F

copper to fitting



C	Size F	Part No.
1 1/4"	x 1 1/4"	A-7120
1 1/2"	x 1 1/2"	A-7121
2"	x 2"	A-7122
3"	x 3"	A-7123
4"	x 4"	A-7124

1/8 bends (45°) wrot

style number

DW-205

copper to fitting



C	Size	F
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"
3"	x	3"

Port No.
W-7430
W-7431
W-7432
W-7433

1/8 bend (45°)

style number

D-791

fitting to FPT



F	Size	FPT
3"	x	3"

Part No.
A-7166

1/8 bends (45°) assemblies

style number

D-725

copper to slip joint

(Includes Coupling
Nut and Washer)



C	Size Slip Joint O.D.
1 1/4"	x 1 1/4"
1 1/2"	x 1 1/2"

Port No.
A-11358
A-11359

1/16 bends (22 1/2°)

style number

D-703

copper to copper



C	Size	C
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"
3"	x	3"
4"	x	4"

Port No.
A-7011
A-7060
A-7098
A-7157
A-7305

1/32 bends (11 1/4°)

style number

D-704

copper to copper



C	Size	C
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"
3"	x	3"
4"	x	4"

Part No.
A-7020
A-7063
A-7103
A-7307
A-7306

threeway elbows

style number

D-706

copper to copper to
copper



1	Size	3
C	C	C
1 1/4"	x 1 1/4" x	1 1/4"
1 1/2"	x 1 1/2" x	1 1/2"
1 1/2"	x 1 1/4" x	1 1/4"

Port No.
A-7410
A-7443
A-7442

test tees (assembly)

style number

D-714

copper to copper
(Includes Plug)



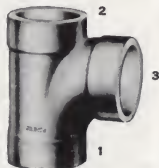
1 C	Size 2 C	Plug Size	Part No.
3" x 3"	2 3/4"		A-11367
4" x 4"	3 3/4"		A-11368

sanitary tees

style number

D-707

copper to
copper
to copper



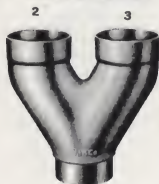
1 C	Size 2 C	3 C	Part No.
1 1/4" x 1 1/4"	x 1 1/4"		A-7004
1 1/2" x 1 1/2"	x 1 1/2"		A-7034
1 1/2" x 1 1/2"	x 1 1/4"		A-7035
1 1/2" x 1 1/4"	x 1 1/2"		A-7311
1 1/2" x 1 1/4"	x 1 1/4"		A-7243

tru-Y vent connector

style number

D-755

fitting to copper
to copper



1 F	Size 2 C	3 C	Part No.
2" x 2"	x 2"		A-7429

2" x 2"	x 2"		A-7074
2" x 2"	x 1 1/2"		A-7075
2" x 2"	x 1 1/4"		A-7246
2" x 1 1/2"	x 2"		A-7245
2" x 1 1/2"	x 1 1/2"		A-7099
2" x 1 1/2"	x 1 1/4"		A-7244

3" x 3"	x 4"		A-7364
3" x 3"	x 3"		A-7179
3" x 3"	x 2"		A-7180
3" x 3"	x 1 1/2"		A-7181
3" x 3"	x 1 1/4"		A-7182

4" x 4"	x 4"		A-7208
4" x 4"	x 3"		A-7308
4" x 4"	x 2"		A-7309
4" x 4"	x 1 1/2"		A-7310

vent increaser with revent

style number

D-751R

copper to copper
to copper



1 C	Size 2 C	3 C	Part No.
32 3"	x 4"	x 1 1/2"	A-7221

sanitary tee

style number

D-707F

fitting to copper
to copper



1 F	Size 2 C	3 C	Part No.
3"	x 3"	x 3"	A-7194

sanitary tees

style number

D-708

copper to copper
to FPT



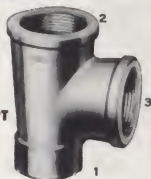
1 C	Size 2 C	3 FPT	Part No.
1 1/4"	1 1/4"	1 1/4"	A-7017
1 1/2"	1 1/2"	1 1/2"	A-7046
1 1/2"	1 1/2"	1 1/4"	A-7047
2"	2"	2"	A-7100
2"	2"	1 1/2"	A-7101
2"	1 1/2"	1 1/2"	A-7102
3"	3"	1 1/2"	A-7312

sanitary tees

style number

D-709

copper to FPT to FPT



1 C	Size 2 FPT	3 FPT	Part No.
1 1/4"	1 1/4"	1 1/4"	A-7022
1 1/2"	1 1/2"	1 1/2"	A-7050
1 1/2"	1 1/2"	1 1/4"	A-7051
2"	2"	1 1/2"	A-7108
2"	2"	1 1/4"	A-7109

sanitary tees

style number

D-809

copper to FPT
to copper



1 C	Size 2 FPT	3 C	Part No.
1 1/2"	1 1/2"	1 1/2"	A-7314
1 1/2"	1 1/4"	1 1/2"	A-7057
2"	2"	2"	A-7313

sanitary tees

style number

(assembly)

D-710

copper to copper
to slip joint

(Includes Coupling
Nut and Washer)



1 C	Size 2 C	3 Slip Joint O.D.	Part No.
1 1/4"	1 1/4"	1 1/4"	A-11364
1 1/2"	1 1/2"	1 1/2"	A-11365

sanitary tees with 2 side inlets at 45°

style number

D-712

3" copper to 3"
copper to 3" copper



Inlet Size	Part No.
1 1/2"	A-7190
2"	A-7189

sanitary tees (assembly)

style number

D-711

copper to FPT
to slip joint

(Includes Coupling
Nut and Washer)



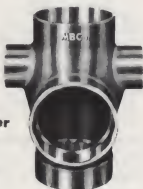
1 C	Size 2 FPT	3 Slip Joint O.D.	Part No.
1 1/2"	1 1/2"	1 1/2"	A-11384
1 1/2"	1 1/2"	1 1/4"	A-11369

**sanitary tees
with 2 side inlets
at 90°**

style number

D-746

copper to copper
to copper



Inlet Size	Part No.
---------------	-------------

3" Tees

1 1/2"	A-7413
2"	A-7416

3" x 3" x 4" Tees

1 1/2"	A-7367
2"	A-7370

4" Tees

1 1/2"	A-7207
2"	A-7235

**sanitary tees
with 1 side inlet
at 45°**

(right or left hand)

style number

D-747

3" copper to 3"
copper to 3" copper



Inlet Size	Part No.
---------------	----------

1 1/2" R.H.	A-7419
1 1/2" L.H.	A-7420
2" R.H.	A-7417
2" L.H.	A-7418

**sanitary tees
with 1 side inlet
at 90°**

(right or left hand)

style number

D-713

copper to copper
to copper



Inlet Size	Part No.
---------------	-------------

1 1/2" Tees

1 1/2" R. or L.H.	A-7433
----------------------	--------

2" x 2" x 1 1/2" Tees

1 1/2" R. or L.H.	A-7440
----------------------	--------

3" Tees

1 1/2" R.H.	A-7411
1 1/2" L.H.	A-7412
2" R.H.	A-7414
2" L.H.	A-7415

3" x 3" x 4" Tees

1 1/2" R.H.	A-7365
1 1/2" L.H.	A-7366
2" R.H.	A-7368
2" L.H.	A-7369

4" Tees

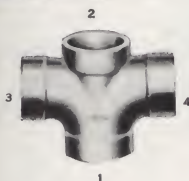
1 1/2" R.H.	A-7236
1 1/2" L.H.	A-7237
2" R.H.	A-7238
2" L.H.	A-7239

double sanitary tees

style number

D-718

copper to copper
to copper to copper



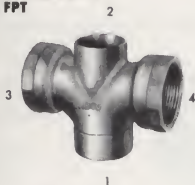
1 C	2 C	Size 3 C	4 C	Part No.
1 1/2"	1 1/2"	1 1/2"	1 1/2"	A-7065
1 1/2"	1 1/2"	1 1/4"	1 1/4"	A-7066
2"	2"	2"	2"	A-7105
2"	2"	1 1/2"	1 1/2"	A-7106
3"	3"	4"	4"	A-7371
3"	3"	3"	3"	A-7170
3"	3"	2"	2"	A-7171
3"	3"	2"	1 1/2"	A-7445
3"	3"	1 1/2"	1 1/2"	A-7320
3"	3"	1 1/2"	1 1/4"	A-7321
3"	3"	1 1/4"	1 1/4"	A-7173
4"	4"	4"	4"	A-7425
4"	4"	3"	3"	A-7426
4"	4"	2"	2"	A-7427
4"	4"	1 1/2"	1 1/2"	A-7428

double sanitary tee

style number

D-728

copper to copper to
FPT to FPT



1 C	2 C	Size 3 FPT	4 FPT	Part No.
1 1/2"	1 1/4"	1 1/2"	1 1/2"	A-7151

double sanitary tees with 1 side inlet at 90°

(right or left hand)

style number

D-789

copper to copper
to copper to copper



Inlet Size	Part No.
3" Tees	
1 1/2"	A-7350
2"	A-7352
3" x 3" x 4" x 4" Tees	
1 1/2"	A-7372
2"	A-7374
4" Tees	
1 1/2"	A-7241
2"	A-7242

double sanitary tees with 2 side inlets at 90°

style number

D-788

copper to copper
to copper to copper



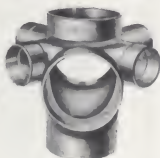
Inlet Size	Part No.
3" Tees	
1 1/2"	A-7351
2"	A-7353
3" x 3" x 4" x 4" Tees	
1 1/2"	A-7373
2"	A-7375
4" Tees	
1 1/2"	A-7216
2"	A-7240

**double sanitary tees
with 4 side inlets at 45°**

style number

D-796

3" copper to 3"
copper to 3" copper
to 3" copper



Inlet
Size
1½"
2"

Part No.
A-7197
A-7198

**double branch fittings
with 2 inlets on 1 side**

style number

D-792

copper to copper



1 C	Size 2 C	Inlets C	Part No.
3"	3"	1¼"	A-7358
3"	3"	1½"	A-7359
4"	4"	1½"	A-7360

**double branch fitting
with 2 inlets on 1 side**

style number

D-792F

fitting to copper



1 F	Size 2 C	Inlets C	Part No.
3"	3"	1¼"	A-7301

quadruple branch fitting with 2 inlets on each side

style number

D-793

copper to copper



1	Size	Inlets	Part No.
C	2 C	C	A-7361
4"	4"	1 1/2"	

triple branch fitting with 2 inlets on 1 side 1 inlet on opposite side

style number

D-794

copper to copper



1	2	3	Inlets	5	Part
C	C	C	4 C	C	No.
4"	4"	2"	1 1/2"	1 1/2"	A-7362

horizontal twin branch tee

style number

D-795

copper to copper



1	Size	Inlets	Part
C	2 C	C	No.
3"	3"	1 1/4"	A-7447
3"	3"	1 1/2"	A-7448

long turn T-Y

style number

D-715

copper to copper
to copper



1 Size
C 2
C C 3

Part No.

1 1/4" x 1 1/4" x 1 1/4" A-7082

1 1/2" x 1 1/2" x 1 1/2" A-7041

1 1/2" x 1 1/2" x 1 1/4" A-7044

2" x 2" x 2" A-7083

2" x 2" x 1 1/2" A-7084

2" x 2" x 1 1/4" A-7085

2" x 1 1/2" x 2" A-7092

3" x 3" x 4" A-7355

3" x 3" x 3" A-7158

3" x 3" x 2" A-7159

3" x 3" x 1 1/2" A-7183

3" x 3" x 1 1/4" A-7184

4" x 4" x 4" A-7273

4" x 4" x 3" A-7272

4" x 4" x 2" A-7271

4" x 4" x 1 1/2" A-7270

long turn T-Y

style number

D-716

copper to FPT
to copper



1 Size 3 1 Part No.
C 2 C
FPT

1 1/4" x 1 1/4" x 1 1/4" A-7274

1 1/2" x 1 1/2" x 1 1/2" A-7319

2" x 2" x 2" A-7269

double long turn T-Y

style number

D-717

copper to copper to
copper to copper



1 Size 3 4 1 Part No.
C 2 C C
C

1 1/4" x 1 1/4" x 1 1/4" x 1 1/4" A-7008

1 1/2" x 1 1/2" x 1 1/2" x 1 1/2" A-7061

1 1/2" x 1 1/2" x 1 1/4" x 1 1/4" A-7062

2" x 2" x 2" x 2" A-7089

2" x 2" x 1 1/2" x 1 1/2" A-7090

2" x 2" x 1 1/4" x 1 1/4" A-7091

3" x 3" x 4" x 4" A-7354

3" x 3" x 3" x 3" A-7160

3" x 3" x 2" x 2" A-7161

3" x 3" x 1 1/2" x 1 1/2" A-7162

3" x 3" x 1 1/4" x 1 1/4" A-7178

4" x 4" x 4" x 4" A-7265

4" x 4" x 3" x 3" A-7266

4" x 4" x 2" x 2" A-7268

4" x 4" x 1 1/2" x 1 1/2" A-7267

double long turn baffle T-Y

style number

D-787

copper to copper to
FPT to FPT



Size				
1	2	3	4	Part No.
C	C	FPT	FPT	

2" x 1½" x 1½" x 1½" A-7174

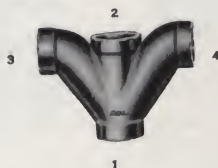
2" x 2" x 1½" x 1½" A-7115

double long turn baffle T-Y

style number

D-786

copper to copper to
copper to copper



Size				
1	2	3	4	Part No.
C	C	C	C	

3" x 3" x 3" x 3" A-7175

double branch fittings w/two opposite vertical inlets

style number

D-718V

copper to copper to
copper to copper



Size				
1	2	3	4	Part No.
C	C	C	C	

3" x 3" x 1½" x 1½" A-7193

45° Y

style number

D-719

copper to copper
to copper



Size				
1	2	3		Part No.
C	C	C		
1¼"	1¼"	1¼"		A-7005
1½"	1½"	1½"		A-7037
1½"	1½"	1¼"		A-7038
1½"	1¼"	1½"		A-7006
1½"	1¼"	1¼"		A-7247
2"	2"	2"		A-7077
2"	2"	1½"		A-7078
2"	2"	1¼"		A-7079
2"	1½"	2"		A-7249
2"	1½"	1½"		A-7318
2"	1½"	1¼"		A-7248
3"	3"	3"		A-7150
3"	3"	2"		A-7152
3"	3"	1½"		A-7153
3"	3"	1¼"		A-7317
4"	4"	4"		A-7200
4"	4"	3"		A-7315
4"	4"	2"		A-7203
4"	4"	1½"		A-7316

45° Y

style number

D-719F

fitting to copper
to copper

1	Size 2	3
F	C	C
4"	x 4"	x 2"

Part No.
A-7329



45° Y

style number

D-727

copper to FPT
to FPT

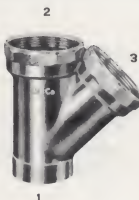
1	Size 2	3
C	FPT	FPT
1 1/4"	x 1 1/4"	x 1 1/4"
1 1/2"	x 1 1/2"	x 1 1/2"
2"	x 2"	x 2"

Part No.

A-7387

A-7388

A-7389



45° Y

style number

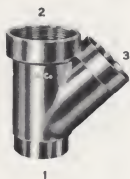
D-790

fitting to FPT
to copper

1	Size 2	3
F	FPT	C
3"	x 3"	x 3"

Part No.

A-7165



45° Y

style number

D-721

copper to copper
to FPT

1	Size 2	3
C	C	FPT
1 1/4"	x 1 1/4"	x 1 1/4"
1 1/2"	x 1 1/2"	x 1 1/2"
2"	x 2"	x 2"
3"	x 3"	x 3"

Part No.

A-7380

A-7381

A-7382

A-7356



45° Y

style number

D-723

copper to FPT to
copper

1	Size 2	3
C	FPT	C
1 1/4"	x 1 1/4"	x 1 1/4"
1 1/2"	x 1 1/2"	x 1 1/2"
2"	x 2"	x 2"
3"	x 3"	x 3"

Part No.

A-7383

A-7384

A-7385

A-7386

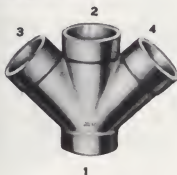


double 45° Y

style number

D-720

copper to copper to
copper to copper



Size				Part No.
1 C	2 C	3 C	4 C	
1½" x 1½"	1½" x 1½"	1½" x 1½"	1½" x 1½"	A-7039
1½" x 1½"	1½" x 1½"	1½" x 1½"	1½" x 1½"	A-7040
2" x 2"	2" x 2"	2" x 2"	2" x 2"	A-7080
2" x 2"	2" x 2"	1½" x 1½"	1½" x 1½"	A-7081
3" x 3"	3" x 3"	3" x 3"	3" x 3"	A-7379
3" x 3"	3" x 3"	2" x 2"	2" x 2"	A-7378
3" x 3"	3" x 3"	1½" x 1½"	1½" x 1½"	A-7377
3" x 3"	3" x 3"	1½" x 1½"	1½" x 1½"	A-7376

closet flange and ¼ bend (90°) combination

style number

D-735

Size	Part No.
3" C x 4" Flange	A-7213
3" C x 3" F Elbow	A-7302
4" C x 4" Flange	A-7219
3" C x 4" F Elbow	A-7177



adjustable closet flanges

style number

D-734

Size	Part No.
4" C x 4" Flange	A-7219
3" C x 4" Flange	A-7213
3" C x 4" Flange	A-7211



traps

nut and washer included where shown

F-trap (one piece)

style number

D-748

copper to copper



Size		Part No.
C	C	
1½"	1½"	A-7713

P-trap (one piece)

style number

D-749

copper to slip joint



Size		Part No.
C	Slip Joint O.D.	
1½"	1½"	A-11392

P-trap (with union joint)

style number

D-739

FPT to slip joint



FPT	Size	SJ	Part No.
1 1/2"	x 1 1/2"		A-15637

P-trap (with union joint)

style number

D-740

copper to slip joint



C	Size	SJ	Part No.
1 1/2"	x 1 1/2"		A-15636

**P-trap—fixed height
without cleanout**

style number

D-760

copper to copper



C	Size	C	Part No.
1 1/4"	x 1 1/4"		A-15650
1 1/2"	x 1 1/2"		A-15651
2"	x 2"		A-15652

**P-trap—fixed height
with cleanout**

style number

D-761

copper to copper



C	Size	C	Part No.
1 1/4"	x 1 1/4"		A-15656
1 1/2"	x 1 1/2"		A-15657
2"	x 2"		A-15658

**P-trap—fixed height
without cleanout**

style number

D-762

copper to slip joint



C	Size	SJ	Part No.
1 1/4"	x 1 1/4"		A-15653
1 1/2"	x 1 1/2"		A-15654
2"	x 2"		A-15655

**P-trap—fixed height
with cleanout**

style number

D-763

copper to slip joint



C	Size	SJ	Part No.
1 1/4"	x 1 1/4"		A-15659
1 1/2"	x 1 1/2"		A-15660
2"	x 2"		A-15661

traps—continued

P-trap adjustable height* without cleanout

style number

D-764

copper to copper



C	Size	C	Part No.
1 1/4"	x 1 1/4"		A-15638
1 1/2"	x 1 1/2"		A-15639
2"	x 2"		A-15640

*Tube not included.

P-trap adjustable height* with cleanout

style number

D-767

copper to slip joint



C	Size	SJ	Part No.
1 1/4"	x 1 1/4"		A-15647
1 1/2"	x 1 1/2"		A-15648
2"	x 2"		A-15649

*Tube not included

P-trap adjustable height* without cleanout

style number

D-766

copper to slip joint



C	Size	SJ	Part No.
1 1/4"	x 1 1/4"		A-15641
1 1/2"	x 1 1/2"		A-15642
2"	x 2"		A-15643

*Tube not included

P-trap adjustable height* with cleanout

style number

D-765

copper to copper



C	Size	C	Part No.
1 1/4"	x 1 1/4"		A-15644
1 1/2"	x 1 1/2"		A-15645
2"	x 2"		A-15646

*Tube not included

S-traps fixed height without cleanout

style number

D-768

copper to copper



C	Size	C	Part No.
1 1/4"	x 1 1/4"		A-15662
1 1/2"	x 1 1/2"		A-15663
2"	x 2"		A-15664

S-traps fixed height with cleanout

style number

D-769

copper to copper



C	Size	C	Part No.
1 1/4"	x 1 1/4"		A-15674
1 1/2"	x 1 1/2"		A-15675
2"	x 2"		A-15676

S-traps—fixed height without cleanout

style number

D-770

copper to slip joint



C	Size	SJ	Part No.
1 1/4"	x	1 1/4"	A-15665
1 1/2"	x	1 1/2"	A-15666
2"	x	2"	A-15667

S-traps—fixed height with cleanout

style number

D-771

copper to slip joint



C	Size	SJ	Part No.
1 1/4"	x	1 1/4"	A-15677
1 1/2"	x	1 1/2"	A-15678
2"	x	2"	A-15679

S-traps adjustable height* without cleanout

style number

D-772

copper to copper



C	Size	C	Part No.
1 1/4"	x	1 1/4"	A-15668
1 1/2"	x	1 1/2"	A-15669
2"	x	2"	A-15670

*Tube not included

S-traps adjustable height* with cleanout

style number

D-773

copper to copper



C	Size	C	Part No.
1 1/4"	x	1 1/4"	A-15680
1 1/2"	x	1 1/2"	A-15681
2"	x	2"	A-15682

*Tube not included

S-traps adjustable height* without cleanout

style number

D-774

copper to slip joint



C	Size	SJ	Part No.
1 1/4"	x	1 1/4"	A-15671
1 1/2"	x	1 1/2"	A-15672
2"	x	2"	A-15673

*Tube not included

S-traps adjustable height* with cleanout

style number

D-775

copper to slip joint



C	Size	SJ	Part No.
1 1/4"	x	1 1/4"	A-15683
1 1/2"	x	1 1/2"	A-15684
2"	x	2"	A-15685

*Tube not included

straight running traps without cleanout

style number

D-776

copper to copper



C	Size	C
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"

Part No.

A-15686
A-15687
A-15688

straight running traps with cleanout

style number

D-777

copper to copper



C	Size	C
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"

Part No.

A-15689
A-15690
A-15691

return bends without cleanout

style number

D-782

copper to copper



C	Size	C
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"

Part No.

A-7675
A-7682
A-7690

return bends with cleanout

style number

D-783

copper to copper



C	Size	C
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"

Part No.

A-15692
A-15695
A-15698

return bends without cleanout

style number

D-784

copper to slip joint



C	Size	SJ
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"

Part No.

A-15693
A-15696
A-15699

return bends with cleanout

style number

D-785

copper to slip joint



C	Size	SJ
1 1/4"	x	1 1/4"
1 1/2"	x	1 1/2"
2"	x	2"

Part No.

A-15694
A-15697
A-15700

3" x 6" drum trap

style number

D-750

copper to copper



C	Size	C	Part No.
1½"	x	1½"	A-11390

drum trap

swivel type

style number

D-778

copper to copper



C	Size	C	Part No.
1½"	3" x 6"	1½"	A-11395
1½"	4" x 8"	1½"	A-11396

4" x 5" drum trap

style number

D-779

copper to FPT



C	Size	FPT	Part No.
1¼"	x	1¼"	A-11393
1½"	x	1½"	A-11394

upturn

style number

D-780

MPT to slip joint



MPT	Size	SJ	Part No.
1½"	x	1½"	A-11398

boiler drains

style number

V-1024

copper to
1 1/2 N.H.
thread



C	Size M. Hose	Part No.
1/2"	3/4"	M-10203
3/4"	3/4"	M-10204

boiler drains

style number

V-1017

MPT to
1 1/2 N.H.
thread



MPT	Size M. Hose	Part No.
1/2"	3/4"	M-10201
3/4"	3/4"	M-10202

boiler drain

style number

V-1025

FPT to
1 1/2 N.H.
thread



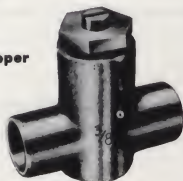
FPT	Size M. Hose	Part No.
1/2"	3/4"	M-10205

flow control valves

style number

V-1008

copper to copper



Size C	Part No.
3/8"	A-15033
1/2"	A-15034
3/4"	A-15035
1"	A-15036

cast baseboard vent tees

style number

T-301

copper to FPT
to copper



1 C	Size FPT	3 C	Part No.
$\frac{1}{2}$ "	$\times \frac{1}{8}$ "	$\times \frac{3}{4}$ "	A-7753
$\frac{1}{2}$ "	$\times \frac{1}{8}$ "	$\times 1$ "	A-7758
$\frac{3}{4}$ "	$\times \frac{1}{8}$ "	$\times \frac{3}{4}$ "	A-7751
$\frac{3}{4}$ "	$\times \frac{1}{8}$ "	$\times 1$ "	A-7757
1"	$\times \frac{1}{8}$ "	$\times 1$ "	A-7754
$1\frac{1}{4}$ "	$\times \frac{1}{8}$ "	$\times 1\frac{1}{4}$ "	A-7775

return bends

style number

WE-512

copper to copper



Size	Part No.
$\frac{1}{4}$ "	W-6025
$\frac{3}{8}$ "	W-6046
$\frac{1}{2}$ "	W-6048
$\frac{3}{4}$ "	W-6097
$\frac{1}{2}$ "	W-6069
$\frac{3}{4}$ "	W-6099

baseboard vent tee flush bushing

style number

WC-417

fitting to FPT



Size F	FPT	Part No.
$\frac{1}{2}$ "	$\times \frac{1}{8}$ "	A-7812



Streamline®

heating specialties

tank drainer

style number

V-1018

FPT to MPT



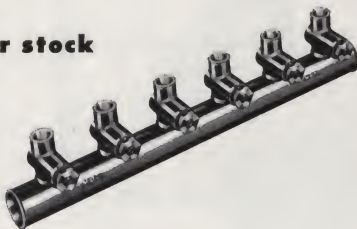
Size		Part No.
FPT	MPT	
½"	½"	A-15975

manifold header stock

style number

V-1019

30 flow control
valves per 5 ft. length



Part No.	Valve Size	Tube Size	Header Length	Outlets Center to Center
A-15987	¼"	1"	5'	2'
A-15989	¾"	1"	5'	2'
A-15991	¾"	1¼"	5'	2'
A-15990	½"	1"	5'	2'
A-15992	½"	1¼"	5'	2'

wire cleaning brushes



Size	Part No.
1/8"	A-6731
1/4"	A-6732
3/8"	A-6733
1/2"	A-6734
3/4"	A-6740
1"	A-6735
1 1/4"	A-6736
1 1/2"	A-6737
2"	A-6738
	A-6739

solder flux brushes



Description	Part No.
1 Spiral Brush	A-3334



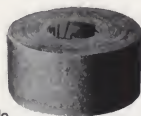
Description	Part No.
Set of 3 Brushes	A-14081

perforated copper tube strap



Description	Part No.
25-ft. coil	A-1211
50-ft. coil	A-1212

sandcloth



Part No.	Size
A-3382	10 yd. roll
A-3343	25 yd. roll
A-1464	50 yd. roll

tube straps

style number

WS-1100



Size	Part No.	Bag Quantity	Weight Each Lbs.
1/8"	A-1203	100	.02
1/4"	A-1278	100	.02
3/8"	A-1366	100	.02
1/2"	A-2529	100	.02
3/4"	A-1467	50	.02
1"	A-2574	50	.02
1 1/4"	A-2614	50	.03
1 1/2"	A-2650	25	.03
2"	A-2675	25	.06
	A-2708	15	.06

Streamline®

soldering accessories

solder

No. 50 50% Tin 50% Lead

Size	Part No.	Wt. Each
$\frac{3}{32}$ "	A-1460	1 lb. spool
$\frac{1}{8}$ "	A-1473	1 lb. spool
$\frac{1}{4}$ "	A-1474	5 lb. spool

No. 50 Paste Solder

Part No.	Wt. Each
A-1287	8 oz. can
A-1288	1 lb. can

No. 95 95% Tin 5% Antimony

Size	Part No.	Wt. Each
$\frac{3}{32}$ "	A-3383	1 lb. spool
$\frac{1}{8}$ "	A-3384	1 lb. spool

No. 122 45% Silver Brazing Alloy

Size	Part No.	Wt. Each
$\frac{3}{32}$ "	A-3377	1 lb. coil



solder flux

No. 50

Size	Part No.
2 oz. can	A-1476
8 oz. can	A-1477
1 lb. can	A-1478

silver brazing flux

Size	Part No.
8 oz. jar	A-3327



steel wool

Part No.	1-lb. Package
A-3349	

SELECTING THE PROPER SOLDER

The selection of the proper STREAMLINE solder should be made after first determining the pressure and temperature to which the system will be subjected, as well as the corrosive conditions involved. The two general classifications are: soft and hard solders.

#50 SOLDER — A general purpose solder that is most commonly used in plumbing installations. It starts to melt at 358°F. and becomes completely fluid at 414°F., which lends itself to positive filling of the joint.

#50-50 PASTE SOLDER — There is no substitute for STREAMLINE #50 wire solder for making good, dependable solder joints. However, there are many applications where STREAMLINE 50-50 paste solder will do a very satisfactory job . . . particularly when the parts are first well cleaned. This quick time-saving accessory is made by combining 50-50 solder and non-corrosive flux in one "Easy-to-Use" product.

#95 SOLDER — Designed for installations where higher pressures and temperatures are prevalent. This is reflected in the higher values in the chart . . . ideal for steam up to 15 P.S.I. . . . also recommended in refrigeration work because of its better resistance to corrosion.

#122 SILVER SOLDER — A high temperature solder or brazing alloy. It is the easiest of the "hard" solders to use and has the lowest melting point (1145°F.). It is recommended for steam up to 120 P.S.I. and for refrigeration system use.

SOLDERING INFORMATION, TOOLS AND ACCESSORIES

STREAMLINE Soldering Accessories are manufactured from only the highest grade, quality materials to aid you in making long-lasting, leak-proof solder-type joints. STREAMLINE solders are accurately compounded from virgin metals and are available in both soft and silver solder heat ranges. STREAMLINE non-corrosive flux will not bubble or froth during heating . . . thus assuring smooth, uniform tinning over the entire surface of the joint. All STREAMLINE solders and flux meet Federal specifications. STREAMLINE cleaning and flux brushes are well designed and particularly sturdy . . . they come in a wide range of sizes and styles.

SPECIFICATIONS

ACCESSORY	PART NO. AND SIZE	DESCRIPTION	HEAT RANGE	REMARKS
50-50 Paste Solder	A-1287	½ lb. tin 50% tin—50% lead	358°F. 414°F	Solder and Flux Combined
	A-1288	1 lb. tin 50% tin—50% lead		
#50 Solder	A-1460 ⅜"	1 lb. spool 50% tin—50% lead	358°F. 414°F	Use #50 Flux
	A-1473 ⅜"	1 lb. spool 50% tin—50% lead	358°F. 414°F	Use #50 Flux
	A-1474 ⅜"	5 lb. spool 50% tin—50% lead	358°F. 414°F	Use #50 Flux
#95 Solder	A-3383 ⅜"	1 lb. spool 95% tin—5% antimony	450°F. 465°F	Use #50 Flux
	A-3384 ⅜"	1 lb. spool 95% tin—5% antimony	450°F. 465°F	Use #50 Flux
#122 Solder	A-3377 ⅜"	1 lb. coil 45% silver Bal. Zinc-cadmium-copper	1120°F. 1145°F	Use Silver Solder Flux
#50 Flux	A-1476	2 oz. can		Always Stir Before Using
	A-1477	8 oz. can		
	A-1478	1 lb. can		
Silver Solder Flux	A-3327	8 oz. container		May be thinned with distilled water
Flux Brushes	A-14081 A-3334	Set of three brushes 1 Spiral Brush		
Cleaning Brushes	See Catalog	Sizes from ¼" O.D. thru 2½" O.D.		Recommended for fittings up to 2"
Sand Cloth	A-3382	10 yd. Roll		For all tubing sizes and fittings
	A-3343	25 yd. Roll		
	A-1464	50 yd. Roll		

COLOR CODE IDENTIFICATION OF

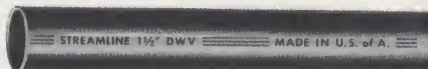
Streamline® COPPER TUBE

Stock standard sizes: Hard tubing 20' lengths — Types DWV — M-L-K; Soft tubing 20' lengths — Types K and L; 60' coils through 1 1/2" — Types K and L; 100' coils through 1" — Types K and L.

All Streamline copper tube is color coded for your convenience . . . in a glance you can tell size and type, BUT, more important, it's your guarantee of quality. Genuine Streamline tube is made to the highest American standards and it never varies. DWV is coded yellow . . . Type "M", Red . . . Type "L", Blue . . . and Type "K" is coded Green.

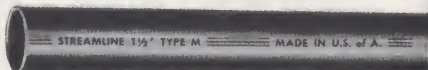
DWV

(DRAINAGE, WASTE AND VENT LINES)



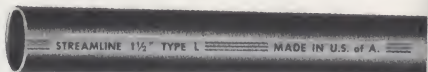
TYPE M

(FOR DRAINAGE AND LOW PRESSURE SERVICE)



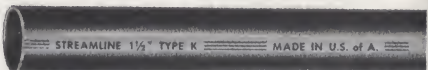
TYPE L

(FOR INTERIOR SERVICE)



TYPE K

(FOR UNDERGROUND OR INTERIOR SERVICE)



This symbol is your guarantee that Streamline copper products are quality made to the highest American standards.



Streamline®

copper water tube

**plumbing, heating,
refrigeration, air conditioning,
waterworks and
industrial uses**



hard tubing 20-foot lengths—types K, L, M and DWV

soft tubing 20-foot lengths—types K and L

40-foot coils 2" only—types K and L

60-foot coils through 1½"—types K and L

100-foot coils through 1"—types K and L

Mueller Brass Co. Streamline copper tube is clearly marked in the following colors:

Type "K" —Green

Type "L"—Blue

Type "M"—Red

DWV —Yellow

type K for underground and interior service

hard temper recommended for operating pressures up to 400 pounds; in soft temper recommended for operating pressures up to 250 pounds and for bending.

Nominal Size Inches	O.D.	Wall Thickness	Pounds Per Ft.
¼	.375	.035	.145
⅜	.500	.049	.269
½	.625	.049	.344
⅝	.750	.049	.418
¾	.875	.065	.641
1	1.125	.065	.839
1 ¼	1.375	.065	1.04
1 ½	1.625	.072	1.36
2	2.125	.083	2.06
2 ½	2.625	.095	2.93
3	3.125	.109	4.00
3 ½	3.625	.120	5.12
4	4.125	.134	6.51
5	5.125	.160	9.67
6	6.125	.192	13.90
8	8.125	.271	25.90
10	10.125	.338	40.30
12	12.125	.405	57.80

type DWV for drainage, waste and vent lines

above ground only

Nominal Size Inches	O.D.	Wall Thickness	Pounds Per Ft.
1 ¼	1.375	.040	.650
1 ½	1.625	.042	.809
2	2.125	.042	1.07
3	3.125	.045	1.69
4	4.125	.058	2.87
5	5.125	.072	4.43
6	6.125	.083	6.10



Streamline®

copper water tube

type L for interior service

recommended in hard temper for operating pressures up to 250 pounds.

Nominal Size Inches	O.D.	Wall Thickness	Pounds Per Ft.
¼	.375	.030	.126
⅜	.500	.035	.198
½	.625	.040	.285
¾	.750	.042	.362
¾	.875	.045	.455
1	1.125	.050	.655
1 ¼	1.375	.055	.884
1 ½	1.625	.060	1.14
2	2.125	.070	1.75
2 ½	2.625	.080	2.48
3	3.125	.090	3.33
3 ½	3.625	.100	4.29
4	4.125	.110	5.38
5	5.125	.125	7.61
6	6.125	.140	10.20
8	8.125	.200	19.30
10	10.125	.250	30.10
12	12.125	.280	40.40

type M for drainage, waste and vent service*

in hard temper recommended for operating pressures up to 250 pounds.

Nominal Size Inches	O.D.	Wall Thickness	Pounds Per Ft.
¾	.500	.025	.145
½	.625	.028	.204
¾	.875	.032	.328
1	1.125	.035	.465
1 ¼	1.375	.042	.682
1 ½	1.625	.049	.940
2	2.125	.058	1.46
2 ½	2.625	.065	2.03
3	3.125	.072	2.68
3 ½	3.625	.083	3.58
4	4.125	.095	4.66
5	5.125	.109	6.66
6	6.125	.122	8.92
8	8.125	.170	16.50
10	10.125	.212	25.60
12	12.125	.254	36.70

*Sizes 2½" and over satisfactory for interior use.

MUELLER BRASS CO.

Port Huron, Michigan

Streamline®

SOLDER-TYPE FITTINGS

COPPER TUBE • VALVES

ACCESSORIES

AT BETTER WHOLESALERS EVERYWHERE